

Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



collected using the ASRC with that collected using the OECD's Fields of Science and Technology (FOS) 2007 classification and Eurostat's Nomenclature for the Analysis and Comparison of Scientific Programmes and Budgets (NABS) 2007 classification.

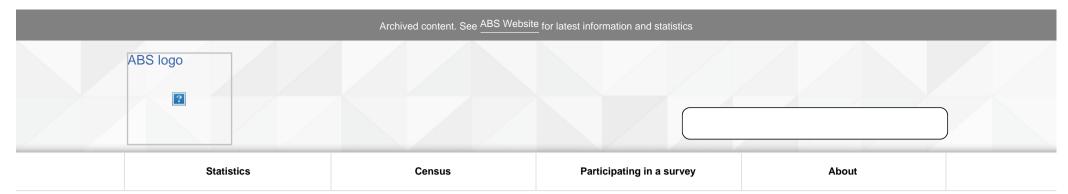
ABOUT THIS RELEASE

This is a compendium of three classifications developed specifically for the compilation of standardised research and development statistics. It comprises classifications for type of activity, field of research and socio-economic objective.

This page last updated 26 March 2009

Archived content. See ABS Website for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



About this Release

Contents

CONTENTS

Preface

Chapter 1. Introduction

Chapter 2. Type of Activity classification

Chapter 3. Research Fields, Courses and Disciplines (RFCD) classification

About the RFCD classification

RFCD Classifications and definitions by Division

210000 - Science (General)

220000 - Social Sciences, Humanities and Arts (General)

230000 - Mathematical Sciences

240000 - Physical Sciences

250000 - Chemical Sciences

260000 - Earth Sciences

270000 - Biological Sciences

280000 - Information, Computing and Communication Sciences

290000 - Engineering and Technology

300000 - Agricultural, Veterinary and Environmental Sciences

310000 - Architecture, Urban Environment and Building

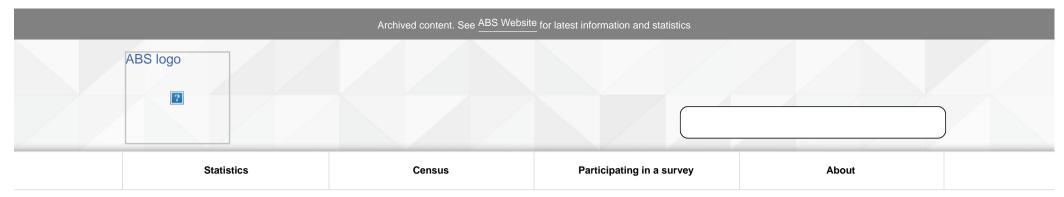
320000 - Medical and Health Sciences

330000 - Education

340000 - Economics
350000 - Commerce, Management, Tourism and Services
360000 - Policy and Political Science
370000 - Studies in Human Society
380000 - Behavioural and Cognitive Sciences
390000 - Law, Justice and Law Enforcement
400000 - Journalism, Librarianship and Curatorial Studies
410000 - The Arts
420000 - Language and Culture
430000 - History and Archaeology
440000 - Philosophy and Religion
Chapter 4: Socio-Economic Objective (SEO) classification
About the SEO classification
SEO classifications and definitions
Division 1 - Defence
Division 2 - Economic Development (Introduction)
620000 - Plant Production and Plant Primary Products
630000 - Animal Production and Animal Primary Products
640000 - Mineral Resources (Excl. Energy)
650000 - Energy Resources
660000 - Energy Supply
670000 - Manufacturing
680000 - Construction
690000 - Transport
700000 - Information and Communication Services
710000 - Commercial Services and Tourism
720000 - Economic Framework
<u>Division 3 - Society (Introduction)</u>
730000 - Health
740000 - Education and Training
750000 - Social Development and Community Services
Division 4. Environment (Introduction)
760000 - Environmental, Policy Frameworks and other Aspect
770000 - Environmental Management
Division 5 - Non-Oriented Research

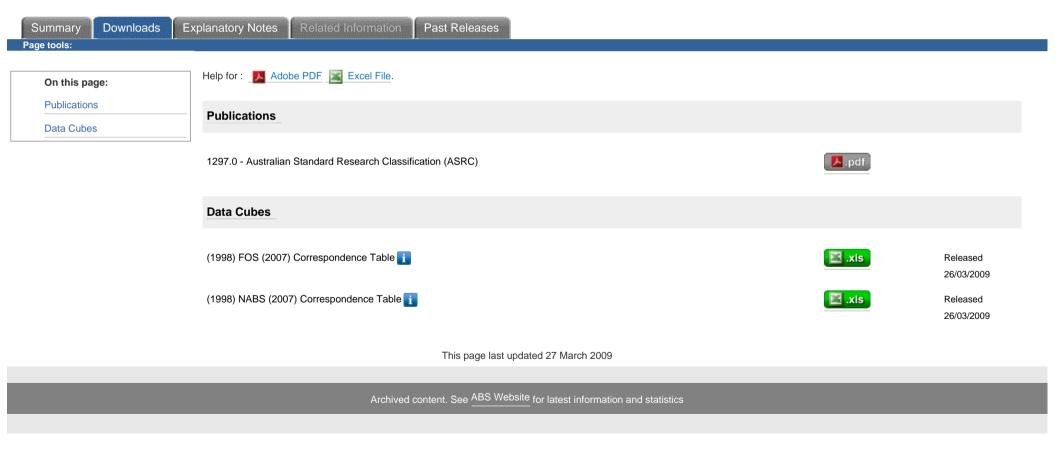
Archived content. See ABS Website for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login

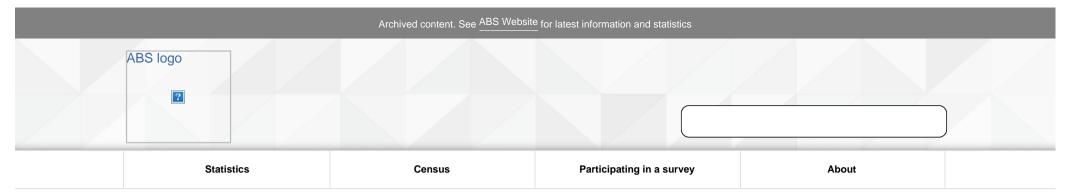


1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Creative commons Copyright Disclaimer Privacy Accessibility Staff login

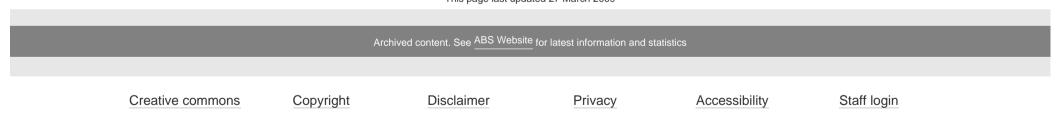


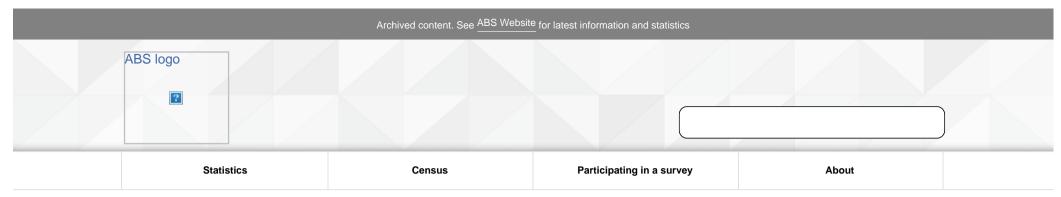
1297.0 - Australian and New Zealand Standard Research Classification (ANZSRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 22/04/2008



This page last updated 27 March 2009





Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



measurement and analysis of research and experimental development (R&D) undertaken in Australia.

This is the second edition of the ASRC and has been prepared by the Australian Bureau of Statistics (ABS) in co-operation with many organisations, including the following:

Academy of the Humanities

Academy of Social Sciences

Australian Institute of Agricultural Sciences

Australian Institute of Physics

Australian Mathematical Society

Australian Research Council

Australian Vice-Chancellors' Committee

Commonwealth Scientific and Industrial Research Organisation

Council for Australian University Tourism and Hospitality Education

Defence Science and Technology Organisation

Department of Employment, Education, Training and Youth Affairs

Department of Industry, Science and Tourism

Department of Primary Industries and Energy

Institution of Engineers

National Health and Medical Research Council

Royal Australian Chemical Institute

The contributions made by these organisations are gratefully acknowledged.

The consultative process has sought to ensure that the ASRC is widely accepted and used within Australia as an Australian Standard, not only in the compilation of R&D statistics but also in the study of Australian research generally.

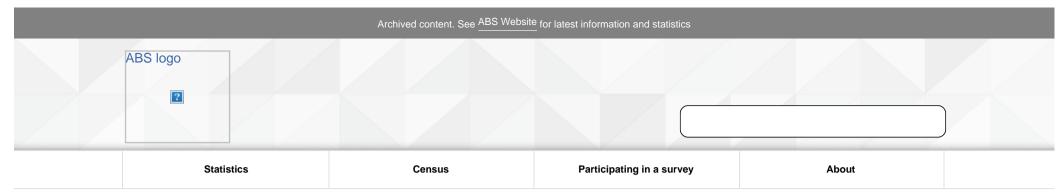
T. J. Skinner Acting Australian Statistician August 1998

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics

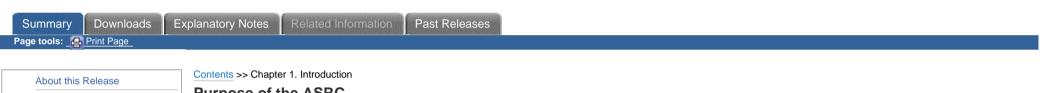
Creative commons Copyright Disclaimer Privacy Accessibility Staff login



Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Purpose of the ASRC

- 1. The Australian Standard Research Classification (ASRC) is the collective name for a set of three related classifications developed for use in the measurement and analysis of research and experimental development (R&D) undertaken in Australia, both in the public and private sectors. It allows the comparison of R&D data between sectors of the Australian economy (e.g. general government, private non-profit organisations, business enterprises and educational institutions). One of the component classifications, Research Fields, Courses and Disciplines, is designed to also allow data collected on higher education courses, units of study and teaching activity to be categorised.
- 2. Use of these classifications ensures that R&D statistics and statistics collected from higher education institutions are useful to governments, educational institutions, international organisations, scientific, professional or business organisations, business enterprises, community groups and private individuals.
- 3. To support international comparisons, it is important for the classifications to relate to those used in other countries, particularly those whose stage of social and economic development is similar to that of Australia. Therefore, the definition, scope and classification of R&D activities contained in this publication largely follow the Organisation for Economic Co-operation and Development (OECD) Proposed Standard Practice for Surveys of Research and Experimental Development, "Frascati Manual", Fifth Revision 1993.
- 4. The classifications contained in the ASRC are used for the compilation of R&D statistics and, commencing in 2000, will be used for classifying other selected statistics collected from higher education institutions. Details about these statistics are released in the following publications:

- Research and Experimental Development, Business Enterprises, Australian Bureau of Statistics (8104.0);
- Research and Experimental Development, General Government and Private Non-Profit Organisations, Australian Bureau of Statistics (8109.0);
- Research and Experimental Development, Higher Education Organisations, Australian Bureau of Statistics (8111.0);
- Research and Experimental Development, All Sector Summary, Australian Bureau of Statistics (8112.0); and
- publications of the Department of Employment, Education, Training and Youth Affairs.
- 5. The development of the classifications in this publication has been undertaken by the ABS in co-operation with major research organisations and users of research information. This consultative process has sought to ensure that the ASRC is widely accepted and used within Australia as an Australian Standard, not only in the compilation of R&D statistics but also in the study of Australian research generally.

Classifications included in the publication

- 6. There are three classifications in the ASRC:
- Type of Activity;
- · Research Fields, Courses and Disciplines; and
- Socio-economic Objective.

These are used in official statistics to analyse the nature of R&D undertaken in Australia. The classifications are used in conjunction with industrial and institutional sector classifications to produce a set of official statistics which support a variety of user interests. In addition, the Research Fields, Courses and Disciplines classification will be used by the Department of Employment, Education, Training and Youth Affairs to classify data collected from higher education institutions.

Type of Activity Classification (TOA)

- 7. This classification allows R&D activity to be categorised according to the type of research effort, namely, pure basic research, strategic basic research, applied research and experimental development.
- 8. Definitions and guidelines for classifying R&D by TOA are covered in Chapter 2.

Research Fields, Courses and Disciplines Classification (RFCD)

- 9. This classification allows both R&D activity and other activity within the higher education sector to be categorised. It allows R&D activity to be categorised according to the field of research undertaken. In this respect, it is the nature of the R&D which is being examined. In addition, the classification is to be used within the higher education sector to classify courses, units of study and teaching activity to field.
- 10. The categories in the classification include recognised academic disciplines and related major sub-fields taught at universities or tertiary institutions, major fields of research investigated by national research institutions and organisations, and emerging areas of study.

11. Explanatory notes, definitions and guidelines for classifying data and the full classification are covered in Chapter 3.

Socio-economic Objective Classification (SEO)

- 12. This classification allows R&D to be categorised according to the purpose of the R&D as perceived by the data provider (researcher). It consists of discrete economic, social, technological or scientific domains for identifying the principal purpose of the R&D. The attributes applied to the design of the SEO Classification comprise a combination of processes, products, health, education and other social and environmental aspects of particular interest.
- 13. Explanatory notes, definitions and guidelines for classifying R&D by socio-economic objective and the full classification are covered in Chapter 4.

Advantages of the ASRC

- 14. The ASRC provides a three way matrix of classification. Each R&D activity can be classified by Type of Activity, Research Fields, Courses and Disciplines and Socio-economic Objective.
- 15. The ASRC provides a considerable degree of flexibility in meeting the needs of a wide variety of users. The hierarchical structure of both the RFCD and SEO Classifications enables them to be applied to particular purposes at various levels.
- 16. If the requirement is for general policy purposes, then a variety of approaches is available. For example, by using data compiled according to both the RFCD and SEO Classifications, it is possible to identify how much R&D expenditure in any particular field of research has been devoted to a particular socio-economic objective. The ASRC helps classify multi-disciplinary work, where several disparate areas of the RFCD are usually brought together to address one area, or closely related areas of the SEO.
- 17. The complexity of issues addressed by R&D is such that questions of public policy often arise in a manner which cannot be readily seen in advance. The detail available in both the RFCD and SEO Classifications would be sufficient to facilitate the provision of statistics which can be used in a variety of contexts. For example, areas of key technological significance could generally be assessed using an aggregate of appropriate RFCD disciplines or subjects. It is possible, therefore, that the use of the ASRC for ABS R&D surveys may obviate or minimise the need for separate one-off R&D surveys aimed at narrow areas.
- 18. A particular strength of the ASRC is that it preserves comparability with much previous data in the ABS R&D series, while possessing a framework which enables comparisons with other classifications used nationally and internationally.
- 19. In the case of the SEO Classification, there is a strong alignment between the SEO and the Australian and New Zealand Standard Industrial Classification (ANZSIC). This is most applicable within the manufacturing subdivision of the SEO. It is possible to correlate trends in industry with levels of R&D directed towards particular industries, by using both SEO and ANZSIC data.

Definition of Research and Experimental Development

- 20. R&D is defined according to the OECD standard as comprising creative work undertaken on a systematic basis in order to increase the stock of knowledge, including knowledge of man, culture and society, and the use of this stock of knowledge to devise new applications.
- 21. An R&D activity is characterised by originality. It has investigation as a primary objective, the outcome of which is new knowledge, with or without a specific practical application, or new or improved materials, products, devices, processes or services. R&D ends when work is no longer primarily investigative.

Scope of Research and Experimental Development

- 22. As indicated in the Frascati Manual and as experience has shown, there are difficulties in delineating the point which clearly separates the culmination of R&D investigative work and the beginning of the implementation phase of the innovations or recommendations resulting from R&D. Errors at this point are particularly significant because, although R&D programmes require large outlays of resources, the costs of implementing innovations or recommendations resulting from R&D may also be as high or higher in many instances.
- 23. There are also a wide range of scientific and related activities which are not R&D, but which are closely linked with R&D in terms of organisation, resource allocation, institutional affiliation and the use or flow of information. However, activities conducted solely or primarily for the purposes of R&D support are included in R&D.
- 24. The activities which do not have clear boundaries with R&D are listed below.

(a) Education and training of personnel and students

Postgraduate research, including supervision of the research, is considered to be R&D. The development of new teaching methods is also regarded as R&D. However, teaching and training students, using established methods and subject knowledge, is excluded.

(b) Specialised scientific and technical information services

Specialised scientific and technical information services which are undertaken solely in support of R&D are regarded as R&D. Examples of these are scientific data collection, coding, recording, classification, dissemination, translation, analysis and bibliographic services.

These specialised services are excluded if they are undertaken independently and not solely in support of R&D.

(c) General purpose or routine data collection

Collecting data in support of R&D work is included in R&D.

However, data collection of a general nature is excluded. This is normally carried out by government agencies to record natural, biological, economic or social phenomena of general public or government interest. Examples are national population censuses, surveys of unemployment, topographical mapping and routine geographical or environmental surveys.

(d) Maintenance of national standards

Routine testing and analysis of materials, components, products, processes, soils, atmospheres, etc. for standard compliance is excluded from R&D.

(e) Feasibility studies

Feasibility studies undertaken in support of R&D are included. However, a feasibility study which involves gathering information about existing conditions, for use in deciding whether or not to implement a project, is excluded, e.g. a study to determine the viability of a petrochemical complex in a particular location.

(f) Specialised medical care

R&D includes the development of new treatments and procedures, including such developments in conjunction with advanced medical care and examinations usually carried out by university hospitals.

However, routine investigations or normal application of specialised medical knowledge, techniques or equipment are excluded from R&D. Examples of these are pathology, forensic and post mortem procedures.

(g) Patent and licence work

Patent work connected directly with R&D projects is included in R&D. However, commercial, administrative and legal work associated with patenting, copywriting and licensing, is excluded.

(h) Policy related studies

The boundary between certain policy related studies as described in the Frascati Manual and R&D is complex. In the Frascati Manual, policy related studies cover activities such as the `analysis and assessment of existing programmes, continued analysis and monitoring of external phenomena (e.g. defence and security analysis), legislative inquiry concerned with general government departmental policy or operations'. Rigour is required to separate policy related studies which are not R&D from true R&D policy work.

Studies to determine the effects of a specific national policy to a particular economic or social condition or social group may have elements of R&D. Routine management studies or efficiency studies are excluded.

(i) Marketing and market studies

Market research and opinion polls are excluded from R&D.

(j) Mineral exploration

The development of new or vastly improved methods of data acquisition, processing and interpretation of data is included as R&D. Surveying undertaken as an integral part of an R&D project to observe geological phenomena is also regarded as R&D. However, the search for minerals using existing methods is excluded from R&D.

(k) Prototypes and pilot plants

The design, construction and testing of prototypes generally falls within the scope of R&D. However, trial production and copying of prototypes are excluded from R&D.

The construction and operation of pilot plants is part of R&D provided that these are used to obtain experience or new data for evaluating hypotheses.

Pilot plants are excluded from R&D as soon as the experimental phase is over or as soon as they are used as normal commercial production units, even if they continue to be described as `pilot plants'. If a pilot plant is used for combined operations, the component used for R&D is to be estimated.

(I) Other activities

All other activities which are ancillary or consequential to R&D are excluded. Examples of these are interpretative commentary using existing data, forecasting, operations research as a contribution to decision making and the use of standard techniques in applied psychology to classify or diagnose human characteristics.

R&D Unit to be classified

- 25. There are some inherent difficulties in formulating a definition of what constitutes a unit of R&D. Because there is a lack of uniformity in organisational structures and considerable variation in the way organisations allocate resources to R&D activities, any standard definition of a unit of R&D seems certain to be somewhat theoretic. From a statistical viewpoint it is desirable that R&D expenditure be reported in the smallest cluster which can be classified to a single field of research and a single socio-economic objective. The extent to which it is not practicable to provide this detail will reduce the validity and usefulness of the classification, and the resulting R&D statistics.
- 26. The most common real world references to an R&D unit whose activities are to be classified are Research Program and Research Project. However, these focal units would seldom approximate the idealised unit of R&D as outlined above. They may or may not correspond to actual organisational structures. In its most simple form, a Research Project may consist of a part of the time and energy of an own account single entity (such as a PhD student).

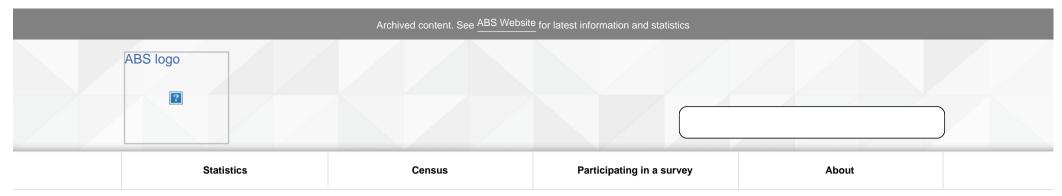
27. There are Research Projects, especially in the social sciences, which require a multi-disciplinary approach in order to achieve a purpose. There are also Research Projects which consist of sub-projects. For example, the Commonwealth Scientific and Industrial Research Organisation (CSIRO) has cited a Research Project as often consisting of a set of sub-projects (staff) with a common purpose and one person designated as the project leader.

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See $\underline{\mbox{ABS Website}}$ for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998

Explanatory Notes



Downloads

Summary

Contents >> Chapter 2. Type of Activity classification

Related Information

1. Four types of activity applicable to R&D are recognised in this classification:

Past Releases

- Pure basic research
- Strategic basic research
- Applied research
- Experimental development
- 2. Pure basic research is experimental and theoretical work undertaken to acquire new knowledge without looking for long term benefits other than the advancement of knowledge.
- 3. Strategic basic research is experimental and theoretical work undertaken to acquire new knowledge directed into specified broad areas in the expectation of useful discoveries. It provides the broad base of knowledge necessary for the solution of recognised practical problems.
- 4. Applied research is original work undertaken primarily to acquire new knowledge with a specific application in view. It is undertaken either to determine possible uses for the findings of basic research or to determine new ways of achieving some specific and predetermined objectives.
- 5. Experimental development is systematic work, using existing knowledge gained from research or practical experience, that is directed to producing new materials, products or devices, to installing new processes, systems and services, or to improving substantially those already produced or installed.

Guidelines	for	classifying	R&D b	у ТОА
------------	-----	-------------	-------	-------

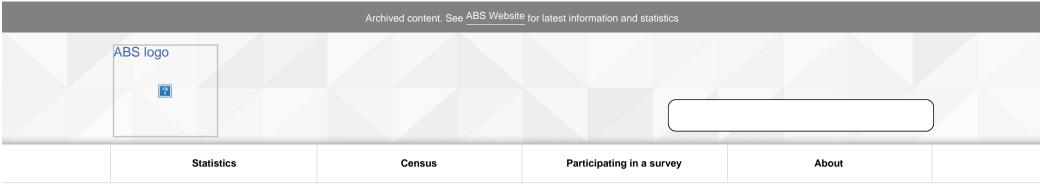
6. A Research Project is normally to be classified under only one type of activity. However, there are instances where a research project is large and could potentially be classifiable to more than one type, i.e. a project could have sub-projects with elements of both applied and experimental research. In this case, the proportion of resources attributable to each should be allocated to each type.

Previous Page Next Page

This page last updated 26 March 2008

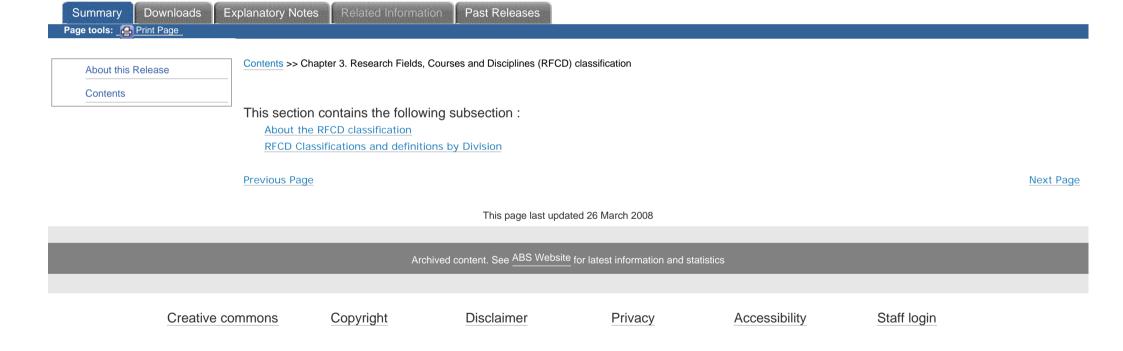
Archived content. See ABS Website for latest information and statistics

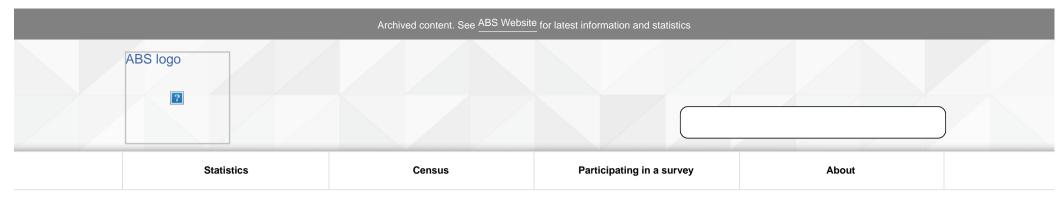
Creative commons Copyright Disclaimer Privacy Accessibility Staff login



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998





1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



About this Release

Contents

Contents >> Chapter 3. Research Fields, Courses and Disciplines (RFCD) classification >> About the RFCD classification

Nature and purpose of the RFCD classification

- 1. This classification allows both R&D activity and other activity within the higher education sector to be categorised.
- 2. The categories in the classification include recognised academic disciplines and related major sub-fields taught at universities or tertiary institutions, major fields of research investigated by national research institutions and organisations, and emerging areas of study.
- 3. While this classification includes individual specialised fields of national interest, it generally reflects the overall structure of disciplinary fields.
- 4. R&D activity is classified according to the field of research undertaken. In this respect, it is the nature of the R&D itself which is being examined, rather than the activity of the performing unit or the purpose of the R&D. Higher education courses, units of study and teaching activity are classified according to field.

Structure of the RFCD Classification

- 5. The classification is arranged in a hierarchical structure. It has 24 divisions, 139 disciplines and 898 subjects.
- 6. The divisions are:

- 210000 Science General
- 220000 Social Sciences, Humanities and Arts General
- 230000 Mathematical Sciences
- 240000 Physical Sciences
- 250000 Chemical Sciences
- 260000 Earth Sciences
- 270000 Biological Sciences
- 280000 Information, Computing and Communication Sciences
- 290000 Engineering and Technology
- 300000 Agricultural, Veterinary and Environmental Sciences
- 310000 Architecture, Urban Environment and Building
- 320000 Medical and Health Sciences
- 330000 Education
- 340000 Economics
- 350000 Commerce, Management, Tourism and Services
- 360000 Policy and Political Science
- 370000 Studies in Human Society
- 380000 Behavioural and Cognitive Sciences
- 390000 Law, Justice and Law Enforcement
- 400000 Journalism, Librarianship and Curatorial Studies
- 410000 The Arts
- 420000 Language and Culture
- 430000 History and Archaeology
- 440000 Philosophy and Religion
- 7. Divisions, disciplines and subjects are each assigned a six-digit code. Divisions are uniquely identified by the first two digits and the remainder of the code is zero filled. Disciplines are uniquely identified by the first four digits and the remainder of the code is zero filled. Each subject has an unique six-digit code.
- 8. There are ninety-nine possible categories at the discipline and subject levels, to allow for future expansion of the classification.

Guidelines for classifying by RFCD

- 9. The following general procedures are aimed to ensure consistent and successful classification.
- 10. A research project or course is to be allocated to a RFCD subject in a hierarchical manner. This is achieved by first determining the division in which the research is being performed, then the most relevant discipline within that division and then the most relevant subject within that discipline.
- 11. It is vital to firstly identify the higher level classifications as some subjects, although within different disciplines, have identical titles.
- 12. There are two 'general' divisions (210000 Science General and 220000 Social Sciences, Humanities and Arts General) and one 'general' discipline (320100 Medicine General) to enable classification of areas of study which cannot be allocated to more specific categories.

Relationship with other classifications

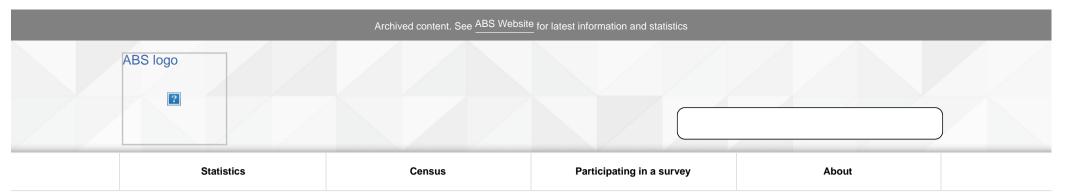
- 13. The RFCD classification has been designed primarily to meet the needs of the ABS and the Department of Employment, Education, Training and Youth Affairs for classifying courses and research projects to field of study/research and classifying units of study to discipline. It will replace the Field of Research (FOR) classification, included in the 1993 edition of the ASRC, and the Field of Study Classification of Higher Education Courses (FOSCHEC).
- 14. Other classifications which are related to fields of study are:
- the ABS Classification of Qualifications (ABSCQ) which, although primarily designed as a classification of qualifications already obtained, may also be used to classify educational courses which lead to these qualifications;
- the Field of Study Classification of Tertiary Education Courses (FOSCTEC) which is based on FOSCHEC with some minor variations to meet the needs of the vocational education and training sector; and
- the International Standard Classification of Education (ISCED) which is a classification of educational programmes rather than qualifications.
- 15. The ABS is currently undertaking a comprehensive review of the ABSCQ with the aim of replacing it with an Australian Standard Classification of Education (ASCED). The review will be completed by late 1999. The ASCED will be consistent with the RFCD with additional categories to cover uniquely vocational education and training sector activities.
- 16. For further information, or advice on the relationship between these classifications, contact the Director, Classifications and Data Standards Section, ABS on (02) 6252 6300.
- 17. Three major field of research classifications are:
- the OECD Fields of Science and Technology Classification, a two level classification incorporated into the fifth revision of the OECD Proposed Standard Practice for Surveys of Research and Experimental Development, Frascati Manual;
- the European Economic Community (EEC) Sciences Classification, a three level classification used within certain member countries of the EEC, particularly in Belgium; and
- the US National Science Foundation (NSF) Classification, a two level classification used by that Foundation in the measurement of national science indicators.
- 18. For advice on the relationship between these classifications and the RFCD, contact the Assistant Director, Research and Development Statistics, ABS on (02) 6252 5627.

Previous Page Next Page

This page last updated 26 March 2008

Archived content	. See ABS Website	for latest informatio	n and statistics
------------------	-------------------	-----------------------	------------------

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



About this Release

Contents

Contents >> Chapter 3. Research Fields, Courses and Disciplines (RFCD) classification >> RFCD Classifications and definitions by Division

This section contains the following subsection:

210000 - Science (General)

220000 - Social Sciences, Humanities and Arts (General)

230000 - Mathematical Sciences

240000 - Physical Sciences

250000 - Chemical Sciences

260000 - Earth Sciences

270000 - Biological Sciences

280000 - Information, Computing and Communication Sciences

290000 - Engineering and Technology

300000 - Agricultural, Veterinary and Environmental Sciences

310000 - Architecture, Urban Environment and Building

320000 - Medical and Health Sciences

330000 - Education

340000 - Economics

350000 - Commerce, Management, Tourism and Services

360000 - Policy and Political Science

370000 - Studies in Human Society

380000 - Behavioural and Cognitive Sciences

390000 - Law, Justice and Law Enforcement

400000 - Journalism, Librarianship and Curatorial Studies

410000 - The Arts

420000 - Language and Culture

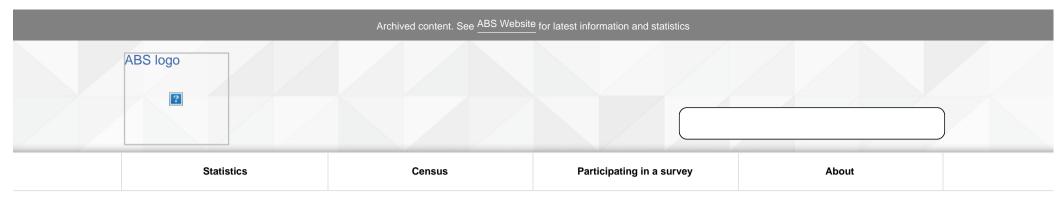
430000 - History and Archaeology 440000 - Philosophy and Religion

Previous Page Next Page

This page last updated 26 March 2008

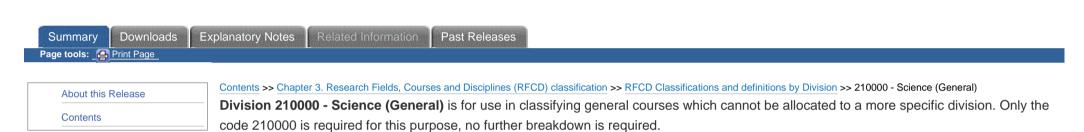
Archived content. See ABS Website for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



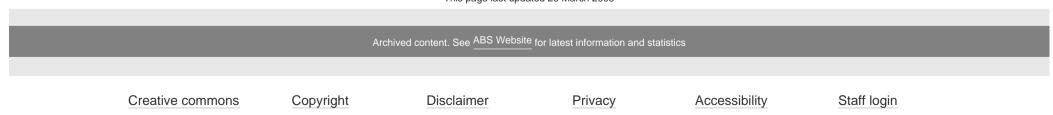
1297.0 - Australian Standard Research Classification (ASRC), 1998

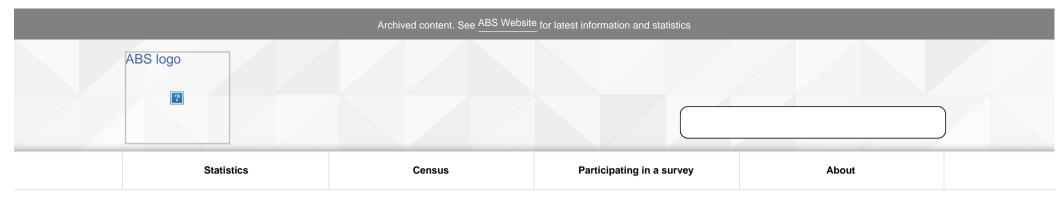
ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Previous Page Next Page

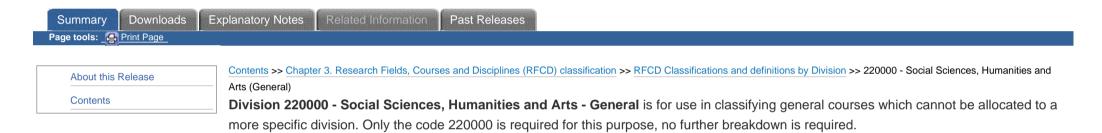
This page last updated 26 March 2008





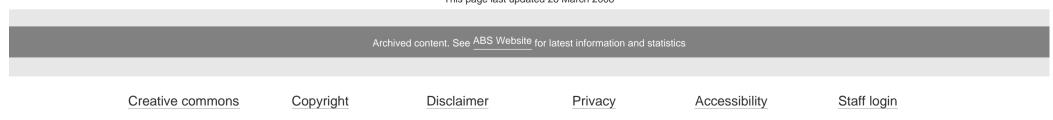
1297.0 - Australian Standard Research Classification (ASRC), 1998

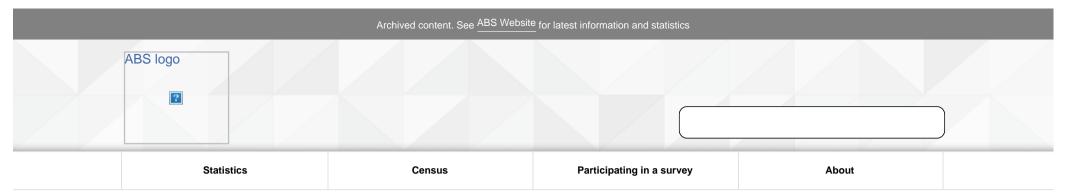
ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Previous Page Next Page

This page last updated 26 March 2008





Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Classification Structure - Division 230000 - Mathematical Sciences

Discipline Subject Description 230100 **Mathematics** 230101 Mathematical Logic, Set Theory, Lattices and Combinatorics 230102 Number Theory and Field Theory 230103 Rings and Algebras 230104 Category Theory, K Theory, Homological Algebra 230105 Group Theory and Generalisations (incl Topological Groups and Lie Groups) 230106 Real and Complex Functions 230107 Differential, Difference and Integral Equations 230108

	220400	Harmonic and Fourier Analysis
	230109	Functional Analysis
	230110	Calculus of Variations and Control Theory
	230111	Geometry
	230112	Topology and Manifolds
	230113	Dynamical Systems
	230114	Functions of Several Complex Variables
	230115	Approximation Theory
	230116	Numerical Analysis
	230117	Operations Research
	230118	Optimisation
	230119	Systems Theory and Control
	230199	Mathematics not elsewhere classified
230200		
	230201	Statistics
	230202	Probability Theory
	230203	Stochastic Analysis and Modelling
	230204	Statistical Theory
	230299	Applied Statistics
239900		Statistics not elsewhere classified
	239901	Other Mathematical Sciences
	239902	Biological Mathematics
	239903	Actuarial Mathematics
	200000	Risk theory

239904

Theory of Graduation

239999

Mathematical Sciences not elsewhere classified

Definitions

Division 230000 - Mathematical Sciences, covers mathematics, statistics and other mathematical sciences. This division has three disciplines:

230100 - Mathematics

230200 - Statistics

239900 - Other Mathematical Sciences

Exclusions:

- (a) Mathematics associated with computer science is included in Division 280000 Information, Computing and Communication Sciences; and
- (b) mathematics and statistics applied in economics are included in Division 340000 Economics.

Discipline 230100 - Mathematics

This discipline covers mathematics. This discipline has twenty subjects:

- 230101 Mathematical Logic, Set Theory, Lattices and Combinatorics
- 230102 Number Theory and Field Theory
- 230103 Rings and Algebras
- 230104 Category Theory, K Theory, Homological Algebra
- 230105 Group Theory and Generalisations (incl. Topological Groups and Lie Groups)
- 230106 Real and Complex Functions
- 230107 Differential, Difference and Integral Equations
- 230108 Harmonic and Fourier Analysis
- 230109 Functional Analysis
- 230110 Calculus of Variations and Control Theory
- 230111 Geometry
- 230112 Topology and Manifolds
- 230113 Dynamical Systems
- 230114 Functions of Several Complex Variables
- 230115 Approximation Theory
- 230116 Numerical Analysis
- 230117 Operations Research
- 230118 Optimisation
- 230119 Systems Theory and Control
- 230199 Mathematics not elsewhere classified

Exclusions:

- (a) Mathematics associated with computer science is included in Division 280000 Information, Computing and Communication Sciences;
- (b) geodesy is included in Discipline 291000 Geomatic Engineering; and
- (c) mathematics applied in economics is included in Division 340000 Economics.

Discipline 230200 - Statistics

This discipline covers statistics. This discipline has five subjects:

230201 - Probability Theory

230202 - Stochastic Analysis and Modelling

230203 - Statistical Theory

230204 - Applied Statistics

230299 - Statistics not elsewhere classified

Exclusions:

Econometrics, time series analysis and related disciplines are included in Discipline 340400 Econometrics.

Discipline 239900 - Other Mathematical Sciences

This discipline covers any mathematical sciences not elsewhere classified. This discipline has five subjects:

239901 - Biological Mathematics

239902 - Actuarial Mathematics

239903 - Risk Theory

239904 - Theory of Graduation

239999 - Mathematical Sciences not elsewhere classified

Exclusions:

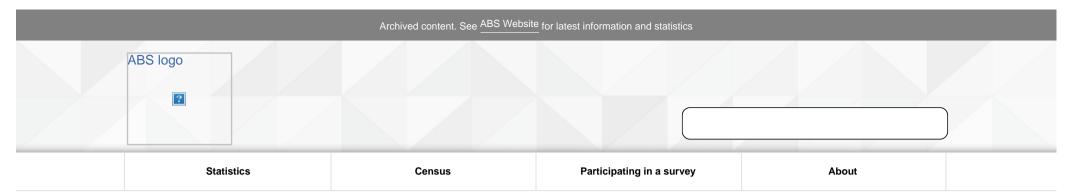
- (a) Mathematics associated with computer science is included in Division 280000 Information, Computing and Communication Sciences;
- (b) mathematics and statistics applied in economics are included in Division 340000 Economics; and
- (c) life insurance mathematics is included in Discipline 350300 Banking, Finance and Investment.

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information	IBS Website for latest information and statisti	ics
--	---	-----

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



About this Release

Contents

Classification Structure - Division 240000 - Physical Sciences

Discipline	Subject	
		Description
240100		
		Astronomical Sciences.
	240101	
		Astronomy and Astrophysics
	240102	
		Cosmic Ray Physics
	240199	Astronomical Ocionara net alcoudo an alcouitad
240200		Astronomical Sciences not elsewhere classified
240200		Theoretical and Condensed Matter Physics
	240201	Theoretical and condensed matter raysies
	210201	Theoretical Physics
	240202	
		Condensed Matter Physics - Structural Properties
	240203	
		Condensed Matter Physics - Electronic and Magnetic Properties; Superconductivity

	240204	Condensed Matter Physics - Other
240300	240301	Atomic and Molecular Physics; Nuclear and Particle Physics; Plasma Physics
		Atomic and Molecular Physics
	240302	Nuclear and Particle Physics
	240303	Plasmas and Electrical Discharges
	240304	Other Plasma Physics
240400		Optical Physics
	240401	Optics and Opto-electronic Physics
	240402	.Quantum Optics and Lasers
	240499	Optical Physics not elsewhere classified
240500		Classical Physics
	240501	Acoustics and Acoustical Devices; Waves
	240502	Fluid Physics
	240503	Thermodynamics and Statistical Physics
	240504	Electrostatics and Electrodynamics
	240599	Classical Physics not elsewhere classified
249900		Other Physical Sciences
	249901	Biophysics
	249902	
	249903	Medical Physics
	249999	Instruments and Techniques
		Physical Sciences not elsewhere classified

Definitions

Division 240000 - Physical Sciences, covers the physical sciences. It includes biophysics (other than human biophysics) and medical

physics. This division has six disciplines:

240100 - Astronomical Sciences

240200 - Theoretical and Condensed Matter Physics

240300 - Atomic and Molecular Physics; Nuclear and Particle Physics; Plasma Physics

240400 - Optical Physics

240500 - Classical Physics

249900 - Other Physical Sciences

Exclusions:

- (a) Geophysics is included in Discipline 260200 Geophysics;
- (b) ionospheric and magnetospheric physics are included in Discipline 260600 Atmospheric Sciences;
- (c) technological aspects of the physical sciences are included in the appropriate disciplines in Division 290000 Engineering and Technology;
- (d) soil physics is included in Discipline 300100 Soil and Water Sciences; and
- (e) human biophysics is included in Discipline 320600 Medical Physiology.

Discipline 240100 - Astronomical Sciences

This discipline covers astronomical sciences, including cosmology. This discipline has three subjects:

240101 - Astronomy and Astrophysics

240102 - Cosmic Ray Physics

240199 - Astronomical Sciences not elsewhere classified

Exclusions:

Remote sensing and satellite technology are included in Discipline 290200 Aerospace Engineering.

Discipline 240200 - Theoretical and Condensed Matter Physics

This discipline covers theoretical and condensed matter physics. This discipline has four subjects:

240201 - Theoretical Physics

240202 - Condensed Matter Physics - Structural Properties

240203 - Condensed Matter Physics - Electronic and Magnetic Properties; Superconductivity

240204 - Condensed Matter Physics - Other

Discipline 240300 - Atomic and Molecular Physics; Nuclear and Particle Physics; Plasma Physics

This discipline covers atomic, molecular, nuclear, particle and plasma physics. This discipline has four subjects:

240301 - Atomic and Molecular Physics

240302 - Nuclear and Particle Physics

240303 - Plasmas and Electrical Discharges

240304 - Other Plasma Physics

Exclusions:

Related chemicals are included in Disciplines 250100 Physical Chemistry (incl. Structural) and 250600 Theoretical and Computational Chemistry.

Discipline 240400 - Optical Physics

This discipline covers optical physics. This discipline has three subjects:

240401 - Optics and Opto-electronic Physics

240402 - Quantum Optics and Lasers

240499 - Optical Physics not elsewhere classified

Exclusions:

Communications technologies are included in Discipline 291700 Communications Technologies.

Discipline 240500 - Classical Physics

This discipline covers classical physics. This discipline has five subjects:

240501 - Acoustics and Acoustical Devices; Waves

240502 - Fluid Physics

240503 - Thermodynamics and Statistical Physics

240504 - Electrostatics and Electrodynamics

240599 - Classical Physics not elsewhere classified

Exclusions:

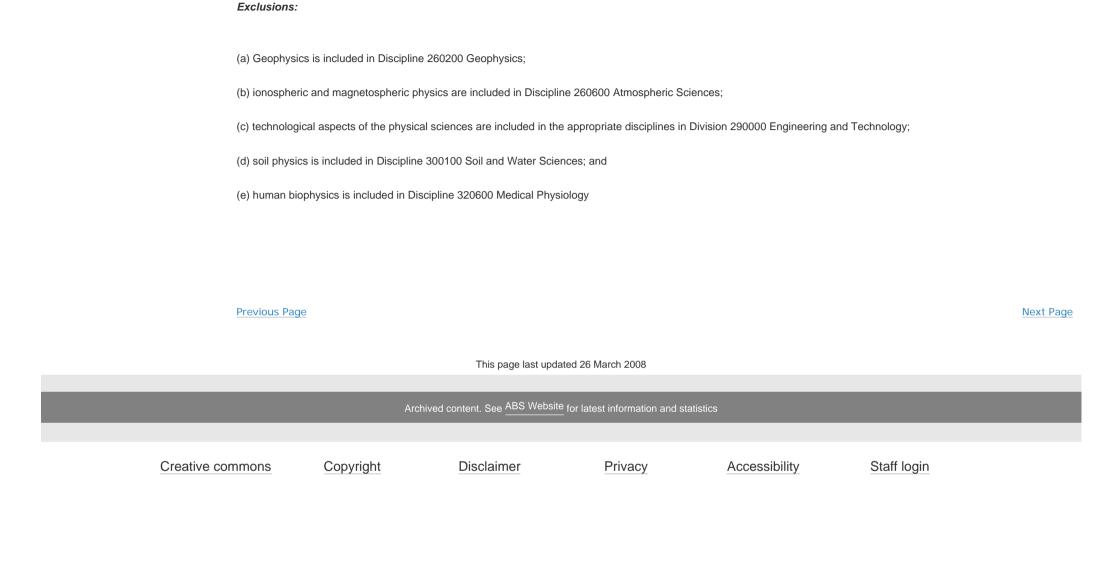
Communications technologies are included in Discipline 291700 Communications Technologies.

Discipline 249900 - Other Physical Sciences

This discipline covers any physical sciences not elsewhere classified. It includes biophysics (other than human biophysics), medical physics and instruments and techniques. This discipline has four subjects:

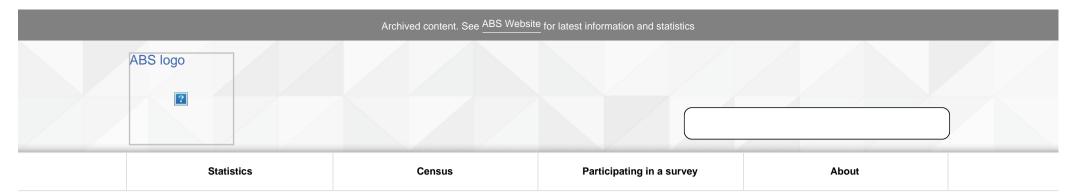
249901 - Biophysics

249902 - Medical Physics



249903 - Instruments and Techniques

249999 - Physical Sciences not elsewhere classified



> By Release Date

Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Classification Structure - Division 250000 - Chemical Sciences

Discipline Subject Description 250100 Physical Chemistry (Incl. Structural) 250101 Chemical Thermodynamics and Energetics 250102 Chemistry of Catalysis 250103 Colloid and Surface Chemistry 250104 Chemical Spectroscopy 250105 Structural Chemistry 250106 Mechanisms of Reactions 250107 Electrochemistry 250199

		Physical Chemistry not elsewhere classified
250200		
		Inorganic Chemistry
	250201	Transition Motel Chemistry
	250202	Transition Metal Chemistry
	200202	Main Group Metal Chemistry
	250203	
		Solid State Chemistry
	250204	
		Bioinorganic Chemistry
	250205	
	050000	Non-Metal Chemistry
	250206	.f-Block Chemistry
	250299	. Block Grieffishy
		Inorganic Chemistry not elsewhere classified
250300		
		Organic Chemistry
	250301	
		Organic Chemical Synthesis
	250302	Biological and Medical Chemistry
	250303	biological and Medical Chemistry
	200000	.Physical Organic Chemistry
	250399	, ,
		Organic Chemistry not elsewhere classified
250400		
		Analytical Chemistry
	250401	Our anation Online
	250402	Separation Science
	250402	Analytical Spectrometry
	250403	,,
		Electroanalytical Chemistry
	250404	
		Flow Analysis
	250405	
	050400	Sensor (Chemical and Bio-) Technology
	250406	Immunological and Bioassay Methods
	250407	mimunological and bioassay Methods
	_00.07	Other Instrumental Methods
	250408	
		Chemometrics

	250409	
	250499	Quality Assurance, Traceability and Metrological Chemistry
250500		Analytical Chemistry not elsewhere classified
	250501	Macromolecular Chemistry
	250502	Synthesis of Macromolecules
	250503	Physical Chemistry of Macromolecules
	250504	Characterisation of Macromolecules
	250599	Polymerisation Mechanisms
25200	230333	Macromolecular Chemistry not elsewhere classified
250600	050004	Theoretical and Computational Chemistry
	250601	Quantum Chemistry
	250602	Statistical Mechanics
	250603	Reaction Kinetics and Dynamics
	250604	Radiation and Matter
	250605	Theory of Materials
	250606	Macromolecular Design
	250699	Theoretical and Computational Chemistry not elsewhere classified
259900		Other Chemical Sciences
	259901	Organometallic Chemistry
	259902	Environmental Chemistry (incl. Atmospheric Chemistry)
	259903	
	259904	Industrial Chemistry
	259999	Supramolecular Chemistry
		Chemical Sciences not elsewhere classified

Definitions

Division 250000 - Chemical Sciences, covers the chemical sciences. It includes immunological and bioassay methods. It also includes atmospheric chemistry. This division has seven disciplines:

250100 - Physical Chemistry (Incl. Structural)

250200 - Inorganic Chemistry

250300 - Organic Chemistry

250400 - Analytical Chemistry

250500 - Macromolecular Chemistry

250600 - Theoretical and Computational Chemistry

259900 - Other Chemical Sciences

Exclusions:

- (a) Geochemistry is included in Discipline 260300 Geochemistry;
- (b) biochemistry is included in Discipline 270100 Biochemistry and Cell Biology;
- (c) chemical engineering is included in Discipline 290600 Chemical Engineering;
- (d) soil chemistry is included in Discipline 300100 Soil and Water Sciences; and
- (e) medical biochemistry and clinical chemistry is included in Discipline 320300 Medical Biochemistry and Clinical Chemistry.

Discipline 250100 - Physical Chemistry (Incl. Structural)

This discipline covers physical chemistry. This discipline has eight subjects:

250101 - Chemical Thermodynamics and Energetics

250102 - Chemistry of Catalysis

250103 - Colloid and Surface Chemistry

250104 - Chemical Spectroscopy

250105 - Structural Chemistry

250106 - Mechanisms of Reactions

250107 - Electrochemistry

250199 - Physical Chemistry not elsewhere classified

Exclusions:

- (a) Mechanical and industrial engineering are included in Discipline 290500 Mechanical and Industrial Engineering;
- (b) chemical engineering is included in Discipline 290600 Chemical Engineering; and
- (c) material sciences are included in Disciplines 291300 Metallurgy, 291400 Materials Engineering and 291500 Biomedical engineering.

Discipline 250200 - Inorganic Chemistry

This discipline covers inorganic chemistry. This discipline has seven subjects:

250201 - Transition Metal Chemistry

250202 - Main Group Metal Chemistry

250203 - Solid State Chemistry

250204 - Bioinorganic Chemistry

250205 - Non-Metal chemistry

250206 - f-Block Chemistry

250299 - Inorganic Chemistry not elsewhere classified

Exclusions:

Organometallic chemistry, environmental chemistry and industrial chemistry are included in Discipline 259900 Other Chemical Sciences.

Discipline 250300 - Organic Chemistry

This discipline covers organic chemistry, including biological and medical chemistry. This discipline has four subjects:

250301 - Organic Chemical Synthesis

250302 - Biological and Medical Chemistry

250303 - Physical Organic Chemistry

250399 - Organic Chemistry not elsewhere classified

Exclusions:

- (a) Immunological and bioassay methods are included in Discipline 250400 Analytical Chemistry;
- (b) organometallic chemistry, environmental chemistry and industrial chemistry are included in Discipline 259900 Other Chemical Sciences;
- (c) biochemistry is included in Discipline 270100 Biochemistry and Cell Biology;
- (d) medical biochemistry and clinical chemistry are included in Discipline 320300 Medical Biochemistry and Clinical Chemistry; and
- (e) pharmacology for human use is included in Discipline 320500 Pharmacology and Pharmaceutical Sciences.

Discipline 250400 - Analytical Chemistry

This discipline covers analytical chemistry. This discipline has ten subjects:

250401 - Separation Science

250402 - Analytical Spectrometry

- 250403 Electroanalytical Chemistry
- 250404 Flow Analysis
- 250405 Sensor (Chemical and Bio-) Technology
- 250406 Immunological and Bioassay Methods
- 250407 Other Instrumental Methods
- 250408 Chemometrics
- 250409 Quality Assurance, Traceability and Metrological Chemistry
- 250499 Analytical Chemistry not elsewhere classified

Discipline 250500 - Macromolecular Chemistry

This discipline covers macromolecular chemistry. This discipline has five subjects:

- 250501 Synthesis of Macromolecules
- 250502 Physical Chemistry of Macromolecules
- 250503 Characterisation of Macromolecules
- 250504 Polymerisation of Mechanisms
- 250599 Macromolecular Chemistry not elsewhere classified

Discipline 250600 - Theoretical and Computational Chemistry

This discipline covers theoretical chemistry and computational chemistry. This discipline has seven subjects:

- 250601 Quantum Chemistry
- 250602 Statistical Mechanics
- 250603 Reaction Kinetics and Dynamics
- 250604 Radiation and Matter
- 250605 Theory of Materials
- 250606 Macromolecular Design
- 250699 Theoretical and Computational Chemistry not elsewhere classified

Discipline 259900 - Other Chemical Sciences

This discipline covers organometallic chemistry, environmental chemistry (incl. atmospheric chemistry), industrial chemistry and any residual chemical sciences not elsewhere classified. This discipline has five subjects:

- 259901 Organometallic Chemistry
- 259902 Environmental Chemistry (incl. Atmospheric Chemistry)
- 259903 Industrial Chemistry
- 259904 Supramolecular Chemistry
- 259999 Chemical Sciences not elsewhere classified

Exclusions:

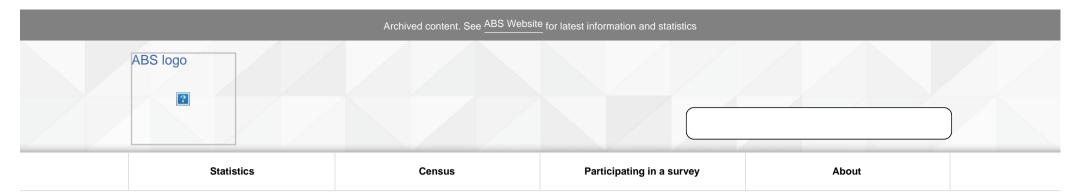
Soil chemistry is included in Discipline 300100 Soil and Water Sciences.

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



> By Release Date

Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Discipline Subject
Description
260100

Geology 260101 Mineralogy and Crystallography 260102 Igneous and Metamorphic Petrology 260103 Vulcanology 260104 Sedimentology 260105 Petroleum Geology 260106 Ore Deposit Petrology 260107 Structural Geology 260108

	200400	Geotectonics
	260109	Geochronology
	260110	Biostratigraphy
	260111	Other Stratigraphy (incl. Sequence Stratigraphy)
	260112	Palaeontology
	260113	Palynology
	260114	Geomorphology
	260115	Glaciology
	260199	Geology not elsewhere classified
260200		Geophysics
	260201	Gravity
	260202	·
	260203	Geomagnetism
	260204	Electromagnetism
	260205	Petrophysics
	260206	Explosion Seismology
	260207	Earthquake Seismology
	260299	.Radiometrics
260300		Geophysics not elsewhere classified
	260301	Geochemistry
		Geochronology and Isotope Geochemistry
	260302	Exploration Geochemistry
	260303	Organic Geochemistry not elsewhere classified
	260304	

Inorganic Geochemistry not elsewhere classified

	260399	Geochemistry not elsewhere classified
260400		Oceanography
	260401	Biological Oceanography
	260402	Chemical Oceanography
	260403	Physical Oceanography
	260499	Oceanography not elsewhere classified
260500		Hydrology
	260501	Groundwater Hydrology
	260502	Surfacewater Hydrology
	260599	Hydrology not elsewhere classified
260600		Atmospheric Sciences
	260601	Meteorology
	260602	Climatology (incl. Palaeoclimatology)
	260603	Ionospheric and Magnetospheric Physics
	260699	Atmospheric Sciences not elsewhere classified
269900		Other Earth Sciences
	269901	Physical Geography
	269999	Earth Sciences not elsewhere classified

Definitions

Division 260000 - Earth Sciences, covers the earth sciences. This division has seven disciplines:

260100 - Geology

260200 - Geophysics

260300 - Geochemistry

260400 - Oceanography

260500 - Hydrology

260600 - Atmospheric Sciences 269900 - Other Earth Sciences

Exclusions:

- (a) Environmental and atmospheric chemistry are included in Discipline 259900 Other Chemical Sciences;
- (b) mining and mineral processing are included in Discipline 290700 Resources Engineering;
- (c) metallurgy is included in Discipline 291300 Metallurgy;
- (d) materials engineering is included in Discipline 291400 Materials Engineering; and
- (e) soil and water sciences (incl. applied hydrology) are included in Discipline 300100 Soil and Water Sciences.

Discipline 260100 - Geology

This discipline covers geology. It includes palaeontology (incl. palaeozoology and palaeobotany) and palynology (other than palynology associated with palaeoecological studies). This discipline has sixteen subjects:

260101 - Mineralogy and Crystallography

260102 - Igneous and Metamorphic Petrology

260103 - Vulcanology

260104 - Sedimentology

260105 - Petroleum Geology

260106 - Ore Deposit Petrology

260107 - Structural Geology

260108 - Geotectonics

260109 - Geochronology

260110 - Biostratigraphy

260111 - Other Stratigraphy (incl. Sequence Stratigraphy)

260112 - Palaeontology

260113 - Palynology

260114 - Geomorphology

260115 - Glaciology

260199 - Geology not elsewhere classified

Exclusions:

- (a) The chemical aspects of crystallography and solid state chemistry are included in Discipline 250200 Inorganic Chemistry;
- (b) palaeoclimatology is included in Discipline 260600 Atmospheric Sciences;
- (c) palaeoecology and palynology associated with palaeoecological studies are included in Discipline 270700 Ecology and Evolution;

- (d) palynology associated with limnological studies is also included in Discipline 270700 Ecology and Evolution;
- (e) mining and mineral processing are included in Discipline 290700 Resources Engineering;
- (f) metallurgy is included in Discipline 291300 Metallurgy; and
- (g) materials engineering is included in Discipline 291400 Materials Engineering.

Discipline 260200 - Geophysics

This discipline covers geophysics. This discipline has eight subjects:

260201 - Gravity

260202 - Geomagnetism

260203 - Electromagnetism

260204 - Petrophysics

260205 - Explosion Seismology

260206 - Earthquake Seismology

260207 - Radiometrics

260299 - Geophysics not elsewhere classified

Discipline 260300 - Geochemistry

This discipline covers geochemistry. This discipline has five subjects:

260301 - Geochronology and Isotope Geochemistry

260302 - Exploration Geochemistry

260303 - Organic Geochemistry not elsewhere classified

260304 - Inorganic Geochemistry not elsewhere classified

260399 - Geochemistry not elsewhere classified

Discipline 260400 - Oceanography

This discipline covers oceanography. This discipline has four subjects:

260401 - Biological Oceanography

260402 - Chemical Oceanography

260403 - Physical Oceanography

260499 - Oceanography not elsewhere classified

Exclusions:

Marine ecology is included in Discipline 270700 Ecology and Evolution.

Discipline 260500 - Hydrology

This discipline covers hydrology, other than applied hydrology. This discipline has three subjects:

260501 - Groundwater Hydrology

260502 - Surfacewater Hydrology

260599 - Hydrology not elsewhere classified

Exclusions:

Applied hydrology is included in Discipline 300100 Soil and Water Sciences.

Discipline 260600 - Atmospheric Sciences

This discipline covers atmospheric sciences, other than atmospheric chemistry. This discipline has four subjects:

260601 - Meteorology

260602 - Climatology (incl. Palaeoclimatology)

260603 - Ionospheric and Magnetospheric Physics

260699 - Atmospheric Sciences not elsewhere classified

Exclusions:

Atmospheric chemistry is included in Discipline 259900 Other Chemical Sciences.

Discipline 269900 - Other Earth Sciences

This discipline covers earth sciences not elsewhere classified. It includes physical geography. This discipline has two subjects:

269901 - Physical Geography

269999 - Earth Sciences not elsewhere classified

Exclusions:

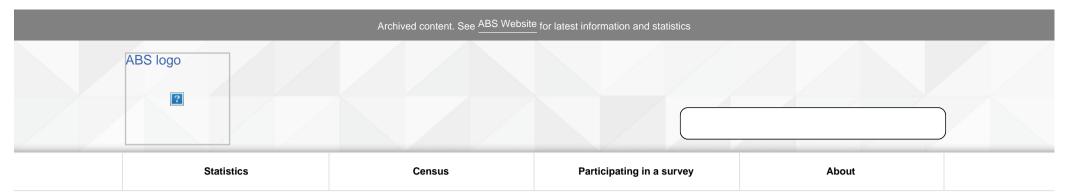
- (a) The physical aspects of limnology are included in Discipline 270700 Ecology and Evolution; and
- (b) environmental management and rehabilitation are included in Discipline 300800 Environmental Sciences.

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See	ABS Website	for latest information	and statistics
-----------------------	-------------	------------------------	----------------

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



> By Release Date

Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Classification Structure - Division 270000 - Biological Sciences

Classifica

Discipline	Subject	
		Description
270100		
		Biochemistry and Cell Biology
	270101	
		Analytical Biochemistry
	270102	
	270103	Cell Metabolism
	270103	Protein Targeting and Signal Transduction
	270104	
		Membrane Biology
	270105	
		Cellular Interactions (incl. Adhesion, Matrix, Cell Wall)
	270106	
	270107	Cell Development (incl. Cell Division and Apoptosis)
	270107	Cell Neurochemistry
	270108	Our Houroundmony

	270199	Enzymes
270200	270199	Biochemistry and Cell Biology not elsewhere classified
270200	270201	Genetics
		Gene Expression
	270202	Genome Structure
	270203	Population and Ecological Genetics
	270204	Anthropological Genetics
	270205	Genetic Development (incl. Sex Determination)
	270206	Genetic Immunology
	270207	Quantitative Genetics
	270208	Molecular Evolution
	270209	Meiosis and Recombination
	270210	Neurogenetics
	270299	
270300		Genetics not elsewhere classified
	270301	Microbiology
	270302	Bacteriology
	270303	Archaebacteriology
	270304	Virology
	270305	Infectious Agents
	270306	Mycology
	270307	Microbial Genetics
	270308	Microbial Ecology
	2.0000	Microbial Systematics, Taxonomy and Phylogeny

270400		Wild obliding That discurred diassifica
270400		Botany
	270401	Solarly
		Plant Systematics, Taxonomy and Phylogeny
	270402	
		Plant Physiology
	270403	
		Plant Pathology
	270404	Dhuadam
	270499	Phycology
	270499	Botany not elsewhere classified
270500		
		Zoology
	270501	
		Animal Systematics, Taxonomy and Phylogeny
	270502	
	070500	Neurobiology
	270503	Animal Anatomy and Histology
	270504	Auminar Audionly and Audiology
		Invertebrate Biology
	270599	
		Zoology not elsewhere classified
270600		
	070004	Physiology
	270601	Animal Physiology - Biophysics
	270602	A million in Tryslology Biophysics
		Animal Physiology - Cell
	270603	
		Animal Physiology - Systems
	270604	
	070000	Comparative Physiology
	270699	Physiology not elsewhere classified
270700		Thysiology not elsewhere classified
2.0.00		Ecology and Evolution
	270701	
		Freshwater Ecology
	270702	
		Marine and Estuarine Ecology (incl. Marine Ichthyology)
	270703	

270399

Microbiology not elsewhere classified

		Terrestrial Ecology
	270704	Landscape Ecology
	270705	
	270706	Palaeoecology
	210100	Life Histories (incl. Population Ecology)
	270707	Sociobiology and Behavioural Ecology
	270708	Sociobiology and Benavioural Ecology
		Conservation and Biodiversity
	270709	Biogeography
	270799	
270800		Ecology and Evolution not elsewhere classified
		Biotechnology
	270801	Gene Therapy
	270802	
	270803	Diagnostic Applications
	270000	Transgenesis
	270804	Genetic Technologies: Transformation, Site-directed Mutagenesis, etc.
	270805	Genetic recimologies. Transformation, Site-directed indiagenesis, etc.
	070000	Genetic Engineering and Enzyme Technology
	270899	Biotechnology not elsewhere classified
279900		
	279901	Other Biological Sciences
		Global Change Biology
	279999	Biological Sciences not elsewhere classified
270800 279900	270801 270802 270803 270804 270805 270899	Biogeography Ecology and Evolution not elsewhere classified Biotechnology Gene Therapy Diagnostic Applications Transgenesis Genetic Technologies: Transformation, Site-directed Mutagenesis, etc. Genetic Engineering and Enzyme Technology Biotechnology not elsewhere classified Other Biological Sciences Global Change Biology

Definitions

Division 270000 - Biological Sciences, covers the biological or life sciences, other than agricultural sciences or medical and health sciences. This division has nine disciplines:

270100 - Biochemistry and Cell Biology 270200 - Genetics 270300 - Microbiology 270400 - Botany 270500 - Zoology

270600 - Physiology

270700 - Ecology and Evolution

270800 - Biotechnology

279900 - Other Biological Sciences

Exclusions:

- (a) Biological or life sciences associated with agricultural and veterinary sciences, forestry, commercial fishing or other aspects of primary production are included in Division 300000 Agricultural, Veterinary and Environmental Sciences; and
- (b) biological or life sciences associated with human health and medicine are included in Division 320000 Medical and Health Sciences.

Discipline 270100 - Biochemistry and Cell Biology

This discipline covers biochemistry or the chemistry of living organisms. It includes cell biology and membrane biology. This discipline has nine subjects:

270101 - Analytical Biochemistry

270102 - Cell Metabolism

270103 - Protein Targeting and Signal Transduction

270104 - Membrane Biology

270105 - Cellular Interactions (incl. Adhesion, Matrix, Cell Wall)

270106 - Cell Development (incl. Cell Division and Apoptosis)

270107 - Cell Neurochemistry

270108 - Enzymes

270199 - Biochemistry and Cell Biology not elsewhere classified

Exclusions:

- (a) Plant biochemistry is included in Discipline 300200 Crop and Pasture Production; and
- (b) biochemistry associated with medical science is included in Discipline 320300 Medical Biochemistry and Clinical Chemistry.

Discipline 270200 - Genetics

This discipline covers genetics and heredity. This discipline has eleven subjects:

270201 - Gene Expression

270202 - Genome Structure

270203 - Population and Ecological Genetics

270204 - Anthropological Genetics

270205 - Genetic Development (incl. Sex Determination)

270206 - Genetic Immunology

270207 - Quantitative Genetics

- 270208 Molecular Evolution
- 270209 Meiosis and Recombination
- 270210 Neurogenetics
- 270299 Genetics not elsewhere classified

Exclusions:

- (a) Biotechnology (incl. genetic engineering) is included in Discipline 270800 Biotechnology;
- (b) plant genetics is included in Disciplines 300200 Crop and Pasture Production and 300300 Horticulture;
- (c) animal genetics associated with animal breeding is included in Discipline 300400 Animal Production; and
- (d) genetics associated with medical science is included in Discipline 321000 Clinical Sciences.

Discipline 270300 - Microbiology

This discipline covers microbiology or the study of microscopic organisms including bacteriology, parasitology and virology. This discipline has nine subjects:

- 270301 Bacteriology
- 270302 Archaebacteriology
- 270303 Virology
- 270304 Infectious Agents
- 270305 Mycology
- 270306 Microbial Genetics
- 270307 Microbial Ecology
- 270308 Microbial Systematics, Taxonomy and Phylogeny
- 270399 Microbiology not elsewhere classified

Exclusions:

- (a) Veterinary microbiology is included in Discipline 300500 Veterinary Sciences; and
- (b) medical microbiology is included in Discipline 320400 Medical Microbiology.

Discipline 270400 - Botany

This discipline covers botany and related plant sciences. It includes:

- mycology which for the purpose of this classification includes the study of lichen;
- plant pathology other than associated with plant protection procedures in the field; and
- phycology (incl. algae and marine grasses).

This discipline has five subjects:
270401 - Plant Systematics, Taxonomy and Phylogeny
270402 - Plant Physiology
270403 - Plant Pathology
270404 - Phycology
270499 - Botany not elsewhere classified
Exclusions:
(a) Palaeobotany and palynology (other than palynology associated with ecological studies) are included in Discipline 260100 Geology;
(b) plant ecology and palynology associated with ecological studies are included in Discipline 270700 Ecology and Evolution; and
(c) plant science or plant pathology associated with agriculture, forestry or primary production is included in the appropriate disciplines in Division 300000 Agricultural Sciences.
Discipline 270500 - Zoology
This discipline covers zoology. It includes:
• the study of terrestrial vertebrates (other than human), non-insect terrestrial invertebrates, ornithology, herpetology and freshwater ichthyology;
ethology; and
• entomology
This discipline has five subjects:
270501 - Animal Systematics, Taxonomy and Phylogeny
270502 - Neurobiology
270503 - Animal Anatomy and Histology
270504 - Invertebrate Biology
270599 - Zoology not elsewhere classified
Exclusions:
(a) Palaeontology is included in Discipline 260100 Geology;
(b) animal physiology is included in Discipline 270600 Physiology;
(c) the use of live animals for purposes of primary production is included in Discipline 300400 Animal Production;

- (d) fisheries and aquaculture for primary production are included in Discipline 300700 Fisheries Sciences;
- (e) the human immune system is included in Discipline 320200 Immunology;
- (f) the human nervous system is included in Discipline 320700 Neurosciences; and
- (g) the use of live animals or material from live animals for medical research is included in Discipline 329900 Other Medical and Health Sciences.

Discipline 270600 - Physiology

This discipline covers physiology other than medical or plant. This discipline has five subjects:

270601 - Animal Physiology - Biophysics

270602 - Animal Physiology - Cell

270603 - Animal Physiology - Systems

270604 - Comparative Physiology

270699 - Physiology not elsewhere classified

Exclusions:

- (a) Plant physiology is included in Discipline 270400 Botany;
- (b) physiology related to specific aspects of animal production or veterinary practice is included in the appropriate disciplines in Division 300000 Agricultural, Veterinary and Environmental Sciences; and
- (c) medical physiology is included in Discipline 320600 Medical Physiology.

Discipline 270700 - Ecology and Evolution

This discipline covers ecology or ecological systems, whether freshwater, marine or terrestrial, and evolutionary biology. It includes:

- plant or animal ecology;
- limnology and ecological studies (incl. palynology) of freshwater bodies such as lakes and ponds;
- palaeoecology (incl. palynology associated with palaeoecological studies); and
- life histories (incl. population ecology).

This discipline has ten subjects:

270701 - Freshwater Ecology

270702 - Marine and Estuarine Ecology (incl. Marine Ichthyology)

270703 - Terrestrial Ecology

```
270704 - Landscape Ecology
270705 - Palaeoecology
270706 - Life Histories (incl. Population Ecology)
270707 - Sociobiology and Behavioural Ecology
270708 - Conservation and Biodiversity
270709 - Biogeography
270799 - Ecology and Evolution not elsewhere classified
Exclusions:
(a) Palaeontology is included in Discipline 260100 Geology; and
(b) palynology in association with geological studies is also included in Discipline 260100 Geology.
Discipline 270800 - Biotechnology
This discipline covers biotechnology (incl. genetic engineering). This discipline has six subjects:
270801 - Gene Therapy
270802 - Diagnostic Applications
270803 - Transgenesis
270804 - Genetic Technologies: Transformation, Site-directed Mutagenesis, etc.
270805 - Genetic Engineering and Enzyme Technology
270899 - Biotechnology not elsewhere classified
Exclusions:
(a) Industrial biotechnology is included in Discipline 290100 Industrial Biotechnology and Food Sciences; and
(b) medical biotechnology is included in Discipline 329900 Other Medical and Health Sciences.
```

Discipline 279900 - Other Biological Sciences

This discipline covers biological sciences not elsewhere classified. This discipline has two subjects:

279901 - Global Change Biology

279999 - Biological Sciences not elsewhere classified

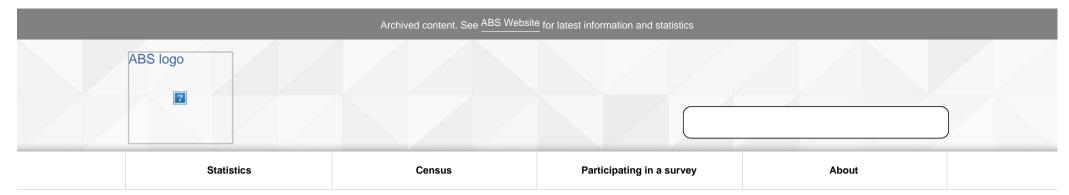
Exclusions:

Phycology (incl. marine grasses) is included in Discipline 270400 Botany.

Previous Page Next Page

This page last updated 26 March 2008

	Archived	content. See ABS Website for lat	test information and statistic	s	
Creative commons	Copyright	Disclaimer	Privacy	Accessibility	Staff login



> By Release Date

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Subject	
	Description
	Information Systems
280101	
	Information Systems Organisation
280102	Information Customs Management
280102	Information Systems Management
200103	Information Storage, Retrieval and Management
280104	
	Computer-Human Interaction
280105	
	Interfaces and Presentation (excl. Computer-Human Interaction)
280106	
000407	Interorganisational Information Systems
280107	Global Information Systems
	280101 280102 280103 280104

	280108	
	280109	Database Management
	280110	Decision Support and Group Support Systems
	280111	Systems Theory
	280112	Conceptual Modelling
	280199	Information Systems Development Methodologies
280200		Information Systems not elsewhere classified
200200	200204	Artificial Intelligence and Signal and Image Processing
	280201	Expert Systems
	280202	Computer Graphics
	280203	Image Processing
	280204	Signal Processing
	280205	Text Processing
	280206	Speech Recognition
	280207	Pattern Recognition
	280208	
	280209	Computer Vision
	280210	Intelligent Robotics
	280211	Simulation and Modelling
	280212	Virtual Reality and Related Simulation
	280213	Neural Networks, Genetic Alogrithms and Fuzzy Logic
280300		Other Artificial Intelligence
_3000	280301	Computer Software
	200301	Programming Techniques

		Software Engineering
	280303	Programming Languages
	280304	Operating Systems
	280305	Multimedia Programming
	280399	Computer Software not elsewhere classified
280400		Computation Theory and Mathematics
	280401	
	280402	Analysis of Algorithms and Complexity
	280403	Mathematical Logic and Formal Languages
	280404	Logics and Meanings of Programs
	280405	Numerical Analysis
		Discrete Mathematics
	280406	Mathematical Software
	280499	Computation Theory and Mathematics not elsewhere classified
280500		Data Format
	280501	Data Structures
	280502	
	280503	Data Storage Representations
	280504	Files
	280505	Data Encryption
	280506	Data Security
	280599	Coding and Information Theory
00000	200333	Data Format not elsewhere classified
289900		Other Information, Computing and Communication Sciences
	289999	Other leferentian Committee and Committee Colors

Other Information, Computing and Communication Sciences

Definitions

Division 280000 covers information, computing and communication sciences.

For the purposes of this classification, the following fields are included: mathematics associated with computer science and the application of psychology to an understanding of computer-human interface. This division has six disciplines:

280100 - Information Systems

280200 - Artificial Intelligence and Signal and Image Processing

280300 - Computer Software

280400 - Computation Theory and Mathematics

280500 - Data Format

289900 - Other Information, Computing and Communication Sciences

Exclusions:

- (a) The application of information and computer sciences other than specifically for information, computer sciences and technologies is included in other appropriate disciplines, e.g. computer modelling for atmospheric research is included in Discipline 260600 Atmospheric Sciences; software development for forest management is included in Discipline 300600 Forestry Sciences;
- (b) robotics and mechatronics, CAD/CAM systems concerned with manufacturing and process technologies are included in Discipline 290300 Manufacturing Engineering;
- (c) computer hardware is included in Discipline 291600 Computer Hardware; and
- (d) communications technologies are included in Discipline 291700 Communications Technologies.

Discipline 280100 - Information Systems

This discipline covers information science and information systems. It includes:

- computer and information systems organisation, design and management;
- interfaces and presentation (incl. computer-human interaction) and the application of psychology to computer-human interface; and
- systems theory and conceptual modelling

This discipline has thirteen subjects:

280101 - Information Systems Organisation

280102 - Information Systems Management

280103 - Information Storage, Retrieval and Management

280104 - Computer-Human Interaction

280105 - Interfaces and Presentation (excl. Computer-Human Interaction)

280106 - Interorganisational Information Systems

- 280107 Global Information Systems
- 280108 Database Management
- 280109 Decision Support and Group Support Systems
- 280110 Systems Theory
- 280111 Conceptual Modelling
- 280112 Information Systems Development Methodologies
- 280199 Information Systems not elsewhere classified

Exclusions:

The development of computer hardware is included in Discipline 291600 Computer Hardware.

Discipline 280200 - Artificial Intelligence and Signal and Image Processing

This discipline covers artificial intelligence, expert systems and signal and image processing. It includes:

- technologies supplementing or supporting information systems or presentation, such as computer graphics and speech and pattern recognition; and
- virtual and artificial realities and related simulation.

This discipline has thirteen subjects:

- 280201 Expert Systems
- 280202 Computer Graphics
- 280203 Image Processing
- 280204 Signal Processing
- 280205 Text Processing
- 280206 Speech Recognition
- 280207 Pattern Recognition
- 280208 Computer Vision
- 280209 Intelligent Robotics
- 280210 Simulation and Modelling
- 280211 Virtual Reality and Related Simulation
- 280212 Neural Networks, Genetic Algorithms and Fuzzy Logic
- 280213 Other Artificial Intelligence

Exclusions:

- (a) Computational linguistics is included in Discipline 380200 Linguistics; and
- (b) computer perception, memory and attention are included in Discipline 380300 Cognitive Science.

Discipline 280300 - Computer Software

This discipline covers technologies related to computer software, software programming, computer languages and software operating systems. This discipline has six subjects:

280301 - Programming Techniques

280302 - Software Engineering

280303 - Programming Languages

280304 - Operating Systems

280305 - Multimedia Programming

280399 - Computer Software not elsewhere classified

Exclusions:

The development of computer software which has application to fields other than Division 280000 Information, Computing and Communication Sciences is included in other appropriate disciplines, e.g. software development relating to flexible manufacturing systems is included in Discipline 290300 Manufacturing Engineering.

Discipline 280400 - Computation Theory and Mathematics

This discipline covers computation theory and mathematics of computing. This discipline has seven subjects:

280401 - Analysis of Algorithms and Complexity

280402 - Mathematical Logic and Formal Languages

280403 - Logics and Meanings of Programs

280404 - Numerical Analysis

280405 - Discrete Mathematics

280406 - Mathematical Software

280499 - Computation Theory and Mathematics not elsewhere classified

Exclusions:

Mathematics not associated with computer science is included in Discipline 230100 Mathematics.

Discipline 280500 - Data Format

This discipline covers data format technologies in the information, computing and communication sciences. This discipline has seven subjects:

280501 - Data Structures

280502 - Data Storage Representations

280503 - Files

280504 - Data Encryption

280505 - Data Security

280506 - Coding and Information Theory

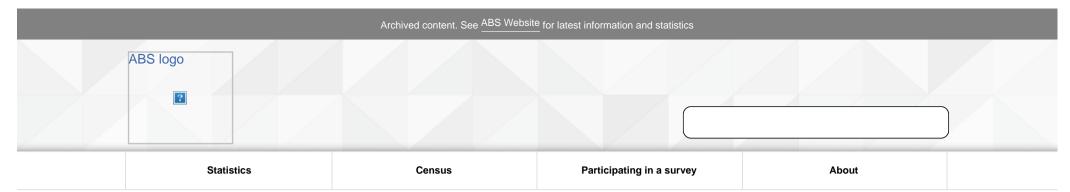
280599 - Data Format not elsewhere classified

289999 - Other	289999 - Other Information, Computing and Communication Sciences.					
Previous Page						Next Page
		This page last update	ted 26 March 2008			
	Arcl	nived content. See ABS Website	for latest information and st	tatistics		
Creative commons	Copyright	<u>Disclaimer</u>	Privacy	Accessibility	Staff login	

Discipline 289900 - Other Information, Computing and Communication Sciences

This discipline covers all residual information, computing and communication sciences.

It has the one subject:



> By Release Date

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



About this Release Contents

Classification Structure - Division 290000 - Engineering and Technology

Discipline	Subject	
Discipline	Subject	Description
290100		
		Industrial Biotechnology and Food Sciences
	290101	
		Fermentation, Biotechnology and Industrial Microbiology
	290102	
		Food Engineering
	290103	
		Food Processing
	290104	Other Food Sciences
	290105	Other Food Sciences
	290103	Other Industrial Biotechnology
290200		Otto: maddia: Dictorificiogy
		Aerospace Engineering
	290201	
		Aerodynamics
	290202	

		Flight Dynamics
	290203	
		Aerospace Structures
	290204	
		Aircraft Performance
	290205	
		Flight Control Systems
	290206	•
		Aerospace Electrical Systems
	290207	
		Satellite, Space Vehicle and Missile Design
	290299	catomic, opaco vermos and mosmo zooign
	200200	Aerospace Engineering not elsewhere classified
290300		Acrospace Engineering Not discimicit diagonica
290300		Manufacturing Engineering
	290301	Manufacturing Engineering
	290301	Robotics and Mechatronics
	200202	Nobolics and Mechalionics
	290302	Florible Manufacturing Cretages
	000000	Flexible Manufacturing Systems
	290303	CAD/CAM Contents
	000004	CAD/CAM Systems
	290304	0
		Control Engineering
	290305	
		Welding Technology
	290306	
		Textile Technology
	290307	
		Printing Technology
	290308	
		Packaging, Storage and Transportation
	290309	
		Safety and Quality
	290399	
		Manufacturing Engineering not elsewhere classified
290400		
		Automotive Engineering
	290401	
		Automotive Engineering
290500		
		Mechanical and Industrial Engineering
	290501	
		Mechanical Engineering
	290502	

Industrial Engineering

290600		
	290601	Chemical Engineering
	290602	Chemical Engineering Design
	290002	Process Control and Simulation
	290603	Membrane and Separation Technologies
	290699	Chemical Engineering not elsewhere classified
290700		
	290701	Resources Engineering
	000700	Mining Engineering
	290702	Mineral Processing
	290703	Petroleum and Reservoir Engineering
	290704	
	290799	Geomechanics
00000		Resources Engineering not elsewhere classified
290800		Civil Engineering
290800	290801	
290800	290801 290802	Structural Engineering
290800		
290800	290802 290803	Structural Engineering
290800	290802	Structural Engineering Water and Sanitary Engineering
290800	290802 290803	Structural Engineering Water and Sanitary Engineering Transport Engineering Construction Engineering
290800	290802 290803 290804	Structural Engineering Water and Sanitary Engineering Transport Engineering Construction Engineering Geotechnical Engineering
290900	290802 290803 290804 290805	Structural Engineering Water and Sanitary Engineering Transport Engineering Construction Engineering
	290802 290803 290804 290805 290899	Structural Engineering Water and Sanitary Engineering Transport Engineering Construction Engineering Geotechnical Engineering
	290802 290803 290804 290805 290899	Structural Engineering Water and Sanitary Engineering Transport Engineering Construction Engineering Geotechnical Engineering Civil Engineering not elsewhere classified
	290802 290803 290804 290805 290899	Structural Engineering Water and Sanitary Engineering Transport Engineering Construction Engineering Geotechnical Engineering Civil Engineering not elsewhere classified Electrical and Electronic Engineering
	290802 290803 290804 290805 290899	Structural Engineering Water and Sanitary Engineering Transport Engineering Construction Engineering Geotechnical Engineering Civil Engineering not elsewhere classified Electrical and Electronic Engineering Electrical Engineering

	291001	
	291002	Geodesy
		Surveying
	291003	Photogrammetry and Remote Sensing
	291004	Thotogrammen y and remote consing
	291005	Spatial Information Systems
	291003	Navigation and Position Fixing
	291006	Ocata maraka
	291099	Cartography
		Geomatic Engineering not elsewhere classified
291100		Environmental Engineering
	291101	
	291102	Environmental Engineering Modelling
	201102	Bio-remediation
	291103	Environmental Engineering Design
	291104	Environmental Engineering Design
	201100	Environmental Technologies
	291199	Environmental Engineering not elsewhere classified
291200		
	291201	Maritime Engineering
		Naval Architecture
	291202	Ship and Platform Hydrodynamics
	291203	
	291204	Ship and Platform Structures
	201204	Marine Engineering
	291205	Ocean Engineering
	291206	Ocean Engineering
	201202	Special Vehicles
	291299	Maritime Engineering not elsewhere classified
291300		
		Metallurgy

Geomatic Engineering

	291301	Process Metallurgy
	291302	
291400		Physical Metallurgy
	291401	Materials Engineering
	291402	Polymers
		Composite Materials
	291403	Alloy Materials
	291404	Ceramics
	291405	Timber
	291406	
	291407	Pulp and Paper
	291499	Plastics
291500		Materials Engineering not elsewhere classified
	291501	Biomedical Engineering
	291301	Oliniani Faminanian
		Clinical Engineering
	291502	Rehabilitation Engineering
	291502 291503	
		Rehabilitation Engineering Biomaterials
	291503	Rehabilitation Engineering Biomaterials Biomechanical Engineering
291600	291503 291504	Rehabilitation Engineering Biomaterials Biomechanical Engineering Biomedical Engineering not elsewhere classified
291600	291503 291504	Rehabilitation Engineering Biomaterials Biomechanical Engineering
291600	291503 291504 291599	Rehabilitation Engineering Biomaterials Biomechanical Engineering Biomedical Engineering not elsewhere classified
291600	291503 291504 291599 291601 291602	Rehabilitation Engineering Biomaterials Biomechanical Engineering Biomedical Engineering not elsewhere classified Computer Hardware
291600	291503 291504 291599 291601	Rehabilitation Engineering Biomaterials Biomechanical Engineering Biomedical Engineering not elsewhere classified Computer Hardware Arithmetic and Logic Structures

291605	
291699	Processor Architectures
201000	Computer Hardware not elsewhere classified
291700	Communications Technologies
291701	
291702	Antenna Technology
	Optical and Photonic Systems
291703	Digital Systems
291704	
291705	Computer Communications Networks
2000	Microwave and Millimetrewave Technology
291706	Broadband Network Technology
291707	
291708	Modem Technology
2000	Baseband Technology
291709	Satellite Communications
291710	
291799	Radio Communications and Broadcasting not elsewhere classified
	Communications Technologies not elsewhere classified
291800	Interdisciplinary Engineering
291801	
291802	Fluidization and Fluid Mechanics
	Heat and Mass Transfer Operations
291803	Turbulent Flows
291804	
291899	Nanotechnology
	Interdisciplinary Engineering not elsewhere classified
299900	Other Engineering and Technology
299901	
299902	Agricultural Engineering

	Combustion and Fuel Engineering
299903	
	Biosensor Technologies
299904	
	Engineering/Technology Instrumentation

299999

Engineering and Technology not elsewhere classified

Definitions

Division 290000 - Engineering and Technology, covers engineering and technology, including industrial biotechnology and food sciences, aerospace engineering, manufacturing engineering, mechanical and industrial engineering, metallurgy, materials engineering, computer hardware, communications technologies and any other engineering and technology not elsewhere classified. This division has nineteen disciplines:

290100 - Industrial Biotechnology and Food Sciences

290200 - Aerospace Engineering

290300 - Manufacturing Engineering

290400 - Automotive Engineering

290500 - Mechanical and Industrial Engineering

290600 - Chemical Engineering

290700 - Resources Engineering

290800 - Civil Engineering

290900 - Electrical and Electronic Engineering

291000 - Geomatic Engineering

291100 - Environmental Engineering

291200 - Maritime Engineering

291300 - Metallurgy

291400 - Materials Engineering

291500 - Biomedical Engineering

291600 - Computer Hardware

291700 - Communications Technologies

291800 - Engineering Interdisciplinary Studies

299900 - Other Engineering and Technology

Discipline 290100 - Industrial Biotechnology and Food Sciences

This discipline covers industrial biotechnology and food sciences. It includes fermentation, biotechnology and industrial microbiology, either for production of food or other products. This discipline has five subjects:

290101 - Fermentation, Biotechnology and Industrial Microbiology

290102 - Food Engineering

290103 - Food Processing

290104 - Other Food Sciences

290105 - Other Industrial Biotechnology

Exclusions:

- (a) The non-applied aspects of biotechnology are included in Discipline 270800 Biotechnology; and
- (b) packaging, storage and transportation associated with industrial biotechnology and food sciences is included in Discipline 290300 Manufacturing Engineering.

Discipline 290200 - Aerospace Engineering

This discipline covers aerospace technologies and engineering including avionics and aeronautical or astronomical engineering. This discipline has eight subjects:

290201 - Aerodynamics

290202 - Flight Dynamics

290203 - Aerospace Structures

290204 - Aircraft Performance

290205 - Flight Control Systems

290206 - Aerospace Electrical Systems

290207 - Satellite, Space Vehicle and Missile Design

290299 - Aerospace Engineering not elsewhere classified

Exclusions:

Remote sensing and satellites with specific application to antenna technology are included in Discipline 291700 Communications Technologies.

Discipline 290300 - Manufacturing Engineering

This discipline covers manufacturing engineering. It includes:

- · robots, robotic systems and mechatronics;
- · flexible manufacturing systems;
- computer-aided design and computer-aided manufacture otherwise known as CAD/CAM;
- · control engineering;
- welding technology (incl. welding processes);
- textile manufacturing process and technologies;
- · packaging, storage and transportation; and
- · safety and quality in manufacturing.

290301 - Robotics and Mechatronics 290302 - Flexible Manufacturing Systems 290303 - CAD/CAM Systems 290304 - Control Engineering 290305 - Welding Technology 290306 - Textile Technology 290307 - Printing Technology 290308 - Packaging, Storage and Transportation 290309 - Safety and Quality 290399 - Manufacturing Engineering not elsewhere classified **Exclusions:** (a) Information systems are included in Discipline 280100 Information Systems; (b) intelligent robotics is included in Discipline 280200 Artificial Intelligence and Signal and Image Processing; (c) computer software is included in Discipline 280300 Computer Software; (d) automotive engineering is included in Discipline 290400 Automotive Engineering; (e) membrane and separation technologies are included in Discipline 290600 Chemical Engineering; (f) computer hardware is included in Discipline 291600 Computer Hardware; and (g) biosensors associated with membrane or separation technologies or any other use is included in Discipline 299900 Other Engineering and Technology. Discipline 290400 - Automotive Engineering This discipline covers automotive engineering. This discipline has one Subject: 290401 - Automotive Engineering Discipline 290500 - Mechanical and Industrial Engineering This discipline covers general mechanical and industrial engineering. This discipline has two subjects: 290501 - Mechanical Engineering 290502 - Industrial Engineering **Exclusions:**

This discipline has ten subjects:

- (a) Manufacturing engineering is included in Discipline 290300 Manufacturing Engineering; and
- (b) automotive engineering is included in Discipline 290400 Automotive Engineering.

Discipline 290600 - Chemical Engineering

This discipline covers chemical engineering and includes design, membrane and separation technologies, process control and simulation other than those associated with control engineering. This discipline has four subjects:

290601 - Chemical Engineering Design

290602 - Process Control and Simulation

290603 - Membrane and Separation Technologies

290699 - Chemical Engineering not elsewhere classified

Exclusions:

- (a) Manufacturing and process technologies (incl. process control associated with control engineering) is included in Discipline 290300 Manufacturing Engineering; and
- (b) fluidization and fluid mechanics and heat and mass transfer operations are included in Discipline 291800 Engineering Interdisciplinary Studies.

Discipline 290700 - Resources Engineering

This discipline covers mining engineering and mineral processing and includes petroleum and reservoir engineering and geomechanics. This discipline has five subjects:

290701 - Mining Engineering

290702 - Mineral Processing

290703 - Petroleum and Reservoir Engineering

290704 - Geomechanics

290799 - Resources Engineering not elsewhere classified

Exclusions:

Geology, geophysics, geochemistry, hydrology and other earth sciences are included in the appropriate disciplines in Division 260000 Earth Sciences.

Discipline 290800 - Civil Engineering

This discipline includes civil engineering (incl. structural engineering). It includes:

- transport engineering (other than aerospace and maritime engineering);
- · water and sanitary engineering; and
- construction engineering.

This discipline has six subjects: 290801 - Structural Engineering 290802 - Water and Sanitary Engineering 290803 - Transport Engineering 290804 - Construction Engineering 290805 - Geotechnical Engineering 290899 - Civil Engineering not elsewhere classified **Exclusions:** (a) Aerospace engineering is included in Discipline 290200 Aerospace Engineering; (b) surveying is included in Discipline 291000 Geomatic Engineering; (c) maritime engineering is included in Discipline 291200 Maritime Engineering; (d) agricultural engineering is included in Discipline 299900 Other Engineering and Technology; and (e) applied hydrology is included in Discipline 300100 Soil and Water Sciences. Discipline 290900 - Electrical and Electronic Engineering This discipline covers general electrical and electronic engineering. This discipline has three subjects: 290901 - Electrical Engineering 290902 - Integrated Circuits 290903 - Other Electronic Engineering **Exclusions:** (a) Electrical or electronic engineering associated with computer hardware is included in Discipline 291600 Computer Hardware; and (b) electrical or electronic engineering associated with communications technologies is included in Discipline 291700 Communications Technologies. Discipline 291000 - Geomatic Engineering

This discipline covers geomatic engineering. This discipline has seven subjects:

291001 - Geodesy

291002 - Surveying

291003 - Photogrammetry and Remote Sensing

291004 - Spatial Information Systems

291005 - Navigation and Position Fixing

291006 - Cartography

291099 - Geomatic Engineering not elsewhere classified

Discipline 291100 - Environmental Engineering

This discipline covers environmental engineering. This discipline has five subjects:

291101 - Environmental Engineering Modelling

291102 - Bio-remediation

291103 - Environmental Engineering Design

291104 - Environmental Technologies

291199 - Environmental Engineering not elsewhere classified

Discipline 291200 - Maritime Engineering

This discipline covers maritime engineering. This discipline has seven subjects:

291201 - Naval Architecture

291202 - Ship and Platform Hydrodynamics

291203 - Ship and Platform Structures

291204 - Marine Engineering

291205 - Ocean Engineering

291206 - Special Vehicles

291299 - Maritime Engineering not elsewhere classified

Discipline 291300 - Metallurgy

This discipline covers metallurgy. This discipline has two subjects:

291301 - Process Metallurgy

291302 - Physical Metallurgy

Discipline 291400 - Materials Engineering

This discipline covers the material sciences and technologies. It includes:

- · ceramics science and ceramics engineering;
- applied science and technology contributing to polymers and textile compounds; and
- other materials sciences and technologies concerned with composite materials, alloy materials and other materials.

This discipline has eight subjects:

291401 - Polymers

291402 - Composite Materials

291403 - Alloy Materials

291404 - Ceramics

291405 - Timber

291406 - Pulp and Paper

291407 - Plastics

291499 - Materials Engineering not elsewhere classified

Exclusions:

- (a) Polymer chemistry without specific application is included in Discipline 250100 Physical Chemistry (incl. Structural); and
- (b) building materials is included in Discipline 310200 Building.

Discipline 291500 - Biomedical Engineering

This discipline covers biomedical engineering. This discipline has five subjects:

291501 - Clinical Engineering

291502 - Rehabilitation Engineering

291503 - Biomaterials

291504 - Biomechanical Engineering

291599 - Biomedical Engineering not elsewhere classified

Discipline 291600 - Computer Hardware

This discipline covers the development of computer hardware including the development associated with physical components for personal computer, mainframe, accessory computer equipment or other purposes. It includes the development of circuit boards and hardware assemblies of computing devices; and also the development of multiplexers, printers, scanners or any accessory related to computers. This discipline has six subjects:

291601 - Arithmetic and Logic Structures

291602 - Memory Structures

291603 - Input, Output and Data Devices

291604 - Logic Design

291605 - Processor Architectures

291699 - Computer Hardware not elsewhere classified

Exclusions:

- (a) Integrated circuits are included in Discipline 290900 Electrical and Electronic Engineering; and
- (b) modem technology is included in Discipline 291700 Communications Technologies.

Discipline 291700 - Communications Technologies

This discipline covers technologies supporting communications and communication systems. It includes:

- · communication networks and analysis;
- · communication and broadcasting systems;
- digital systems, optical and photonic systems or any other communication system;
- antenna technology (incl. that used in remote sensing and satellite technology); and
- microwave and millimetrewave technology

This discipline has eleven subjects:

- 291701 Antenna Technology
- 291702 Optical and Photonic Systems
- 291703 Digital Systems
- 291704 Computer Communications Networks
- 291705 Microwave and Millimetrewave Technology
- 291706 Broadband Network Technology
- 291707 Modem Technology
- 291708 Baseband Technology
- 291709 Satellite Communications
- 291710 Radio Communications and Broadcasting not elsewhere classified
- 291799 Communications Technologies not elsewhere classified

Exclusions:

Data transfer systems used primarily for computing purposes are included in Discipline 291600 Computer Hardware.

Discipline 291800 - Interdisciplinary Engineering

This discipline covers interdisciplinary engineering. This discipline has five subjects:

- 291801 Fluidization and Fluid Mechanics
- 291802 Heat and Mass Transfer Operations
- 291803 Turbulent Flows
- 291804 Nanotechnology
- 291899 Interdisciplinary Engineering not elsewhere classified

Discipline 299900 - Other Engineering and Technology



This discipline covers other engineering and technology not elsewhere classified. This discipline has five subjects:

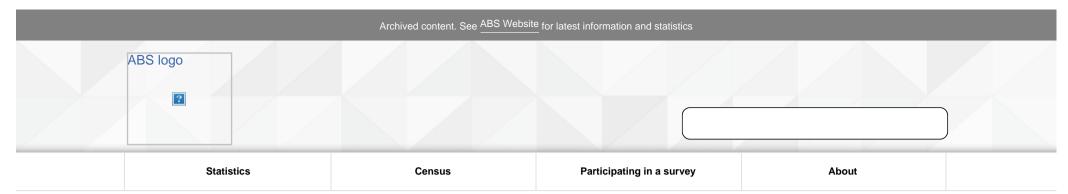
299901 - Agricultural Engineering

299903 - Biosensor Technologies

299902 - Combustion and Fuel Engineering

299904 - Engineering/Technology Instrumentation

299999 - Engineering and Technology not elsewhere classified



> By Release Date

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Classification Structure - Division 300000 - Agricultural, Veterinary and Environmental Sciences

Discipline	Subject	
		Description
300100		
		Soil and Water Sciences
	300101	
		Soil Physics
	300102	
		Soil Biology
	300103	
	200404	Soil Chemistry
	300104	Land Capability and Soil Degradation
	300105	Land Capability and Con Degradation
	000100	Applied Hydrology (Drainage, Flooding, Irrigation, Quality, etc.)
	300199	77 7
		Soil and Water Sciences not elsewhere classified
300200		

	000004	Crop and Pasture Production
	300201	Plant Biochemistry and Physiology
	300202	Plant Nutrition
	300203	Plant Improvement (Selection, Breeding and Genetic Engineering)
	300204	Plant Protection (Pests, Diseases and Weeds)
	300205	Agronomy
	300206	Post Harvest Technologies (Transportation and Storage)
	300299	
300300		Crop and Pasture Production not elsewhere classified
	300301	Horticulture
	300302	Plant Improvement (Selection, Breeding and Genetic Engineering)
	300303	Plant Growth and Development
	300304	Plant Protection (Pests, Diseases and Weeds)
	300305	Post Harvest Technologies
		Oenology and Viticulture
	300399	Horticulture not elsewhere classified
300400		Animal Production
	300401	Animal Breeding
	300402	Animal Reproduction
	300403	Animal Nutrition
	300404	
	300405	Animal Husbandry
	300406	Animal Protection (Pests and Pathogens)
	300499	Animal Growth and Development
		Animal Production not elsewhere classified

300500 **Veterinary Sciences** 300501 Veterinary Medicine 300502 Anaesthesiology and Intensive Care 300503 Epidemiology 300504 Immunology 300505 Anatomy and Physiology 300506 Pathology 300507 Microbiology (excl. Virology) 300508 Parasitology 300509 Radiology and Imaging 300510 Virology 300511 Surgery 300512 Pharmacology 300599 Veterinary Sciences not elsewhere classified 300600 **Forestry Sciences** 300601 Nutrition and Physiology 300602 Tree Improvement (Selection, Breeding and Genetic Engineering) 300603 Pests, Health and Diseases 300604 Management and Environment 300605 Fire Management 300606 Agroforestry 300699 Forestry Sciences not elsewhere classified

	000704	Fisheries Sciences
	300701	Physiology and Genetics
	300702	Pests and Diseases
	300703	Aquaculture
	300704	Ecosystem Studies and Stock Assessment
	300705	
	300799	Evaluation of Management Strategies
300800		Fisheries Sciences not elsewhere classified
	300801	Environmental Sciences
	300802	Environmental Management and Rehabilitation
		Wildlife and Habitat Management
	300803	Natural Resource Management
	300804	Environmental Impact Assessment
	300805	Conservation
	300899	Environmental Sciences not elsewhere classified
300900		
	300901	Land, Parks and Agriculture Management
	300902	Farm Management, Rural Management and Agribusiness
	300903	Land and Parks Management
	300999	Sustainable Development
	000000	Land, Parks and Agriculture Management not elsewhere classified
309900		Other Agricultural, Veterinary and Environmental Sciences
	309901	Fertilisers and Agrochemicals (Application etc.)
	309902	Education and Extension
	309999	Agricultural, Veterinary and Environmental Sciences not elsewhere classified
		Agricultural, votoriilary and Environmental Solemes not bisewhere diassilled

Definitions

Division 300000 - Agricultural, Veterinary and Environmental Sciences, covers sciences and technologies supporting agriculture and the environment. It includes soil and water science, crop and pasture production, agronomy, horticulture, animal production, forestry sciences, environmental sciences and other agricultural sciences. It also includes the veterinary sciences. This division has ten disciplines:

300100 - Soil and Water Sciences

300200 - Crop and Pasture Production

300300 - Horticulture

300400 - Animal Production

300500 - Veterinary Sciences

300600 - Forestry Sciences

300700 - Fisheries Sciences

300800 - Environmental Sciences

300900 - Land, Parks and Agriculture Management

309900 - Other Agricultural, Veterinary and Environmental Sciences

Exclusions:

- (a) Biological or life sciences not associated with agricultural and veterinary sciences or human health and medicine are included in Division 270000 Biological Sciences;
- (b) agricultural engineering is included in Discipline 299900 Other Engineering and Technology;
- (c) biological or life sciences associated with human health and medicine are included in Division 320000 Medical and Health Sciences; and
- (d) agricultural economics is included in Discipline 340200 Applied Economics.

Discipline 300100 - Soil and Water Sciences

This discipline covers soil science and the applied aspects of water science (i.e. applied hydrology) for the purposes of primary production. This discipline has six subjects:

300101 - Soil Physics

300102 - Soil Biology

300103 - Soil Chemistry

300104 - Land Capability and Soil Degradation

300105 - Applied Hydrology (Drainage, Flooding, Irrigation, Quality, etc.)

300199 - Soil and Water Sciences not elsewhere classified

Exclusions:

Basic water science or hydrology is included in Discipline 260500 Hydrology.

Discipline 300200 - Crop and Pasture Production

This discipline covers the sciences and technologies directed towards the production of crops, pastures and grains. It includes agronomy; plant genetics and plant protection procedures in the field; the post harvest treatment, transportation and storage of crops and grains; and weed science. This discipline has seven subjects:

- 300201 Plant Biochemistry and Physiology
- 300202 Plant Nutrition
- 300203 Plant Improvement (Selection, Breeding and Genetic Engineering)
- 300204 Plant Protection (Pests, Diseases and Weeds)
- 300205 Agronomy
- 300206 Post Harvest Technologies (Transportation and Storage)
- 300299 Crop and Pasture Production not elsewhere classified

Exclusions:

- (a) Plant pathology associated with basic botanical studies is included in Discipline 270400 Botany; and
- (b) post harvest treatment of horticultural crops and produce is included in Discipline 300300 Horticulture.

Discipline 300300 - Horticulture

This discipline covers horticulture and horticultural science. It includes:

- the propagation and culture of garden or horticultural crops (incl. production methods such as tissue culture, glasshouse techniques, hydroponics);
- fruit crops (other than table grapes);
- viticulture (incl. growing table and wine grapes) and wine technologies which is included in Subject 300305Oenology and Viticulture;
- flower production, ornamental crops and nursery stock;
- propagating and growing vegetable crops (incl. mushrooms and fungi consumed as food);
- · post-harvest treatment of horticultural crops; and
- lawns for aesthetic or sporting purposes.

This discipline has six subjects:

- 300301 Plant Improvement (Selection, Breeding and Genetic Engineering)
- 300302 Plant Growth and Development
- 300303 Plant Protection (Pests, Diseases and Weeds)
- 300304 Post Harvest Technologies
- 300305 Oenology and Viticulture
- 300399 Horticulture not elsewhere classified

Discipline 300400 - Animal Production

This discipline covers the sciences and technologies supporting the primary production of livestock and the primary production of birds and poultry (incl. egg production). It includes bees and apiary culture. This discipline has seven subjects:

300401 - Animal Breeding

300402 - Animal Reproduction

300403 - Animal Nutrition

300404 - Animal Husbandry

300405 - Animal Protection (Pests and Pathogens)

300406 - Animal Growth and Development

300499 - Animal Production not elsewhere classified

Exclusions:

- (a) Veterinary science is included in Discipline 300500 Veterinary Sciences; and
- (b) the culture and production of marine and freshwater animals (incl. fish, crustaceans and shellfish) is included in Discipline 300700 Fisheries Sciences.

Discipline 300500 - Veterinary Sciences

This discipline covers veterinary science practised on livestock for primary production, domestic or other uses (e.g. sport). This discipline has thirteen subjects:

300501 - Veterinary Medicine

300502 - Anaesthesiology and Intensive Care

300503 - Epidemiology

300504 - Immunology

300505 - Anatomy and Physiology

300506 - Pathology

300507 - Microbiology (excl. Virology)

300508 - Parasitology

300509 - Radiology and Imaging

300510 - Virology

300511 - Surgery

300512 - Pharmacology

300599 - Veterinary Sciences not elsewhere classified

Exclusions:

Field procedures to protect animals against pest and pathogens is included in Discipline 300400 Animal Production.

Discipline 300600 - Forestry Sciences

This discipline covers forestry sciences and silviculture. It includes forest fire prevention and control. This discipline has seven subjects:

300601 - Nutrition and Physiology

300602 - Tree Improvement (Selection, Breeding and Genetic Engineering)

300603 - Pests, Health and Diseases

300604 - Management and Environment

300605 - Fire Management

300606 - Agroforestry

300699 - Forestry Sciences not elsewhere classified

Discipline 300700 - Fisheries Sciences

This discipline covers the sciences and technologies supporting fishing or production of freshwater or marine fisheries (incl. shellfish and crustaceans). This discipline has six subjects:

300701 - Physiology and Genetics

300702 - Pests and Diseases

300703 - Aquaculture

300704 - Ecosystem Studies and Stock Assessment

300705 - Evaluation of Management Strategies

300799 - Fisheries Sciences not elsewhere classified

Discipline 300800 - Environmental Sciences

This discipline covers environmental sciences. This discipline has six subjects:

300801 - Environmental Management and Rehabilitation

300802 - Wildlife and Habitat Management

300803 - Natural Resource Management

300804 - Environmental Impact Assessment

300805 - Conservation

300899 - Environmental Sciences not elsewhere classified

Discipline 300900 - Land, Parks and Agriculture Management

This discipline covers the management of land, parks and areas under agriculture. This discipline has four subjects:

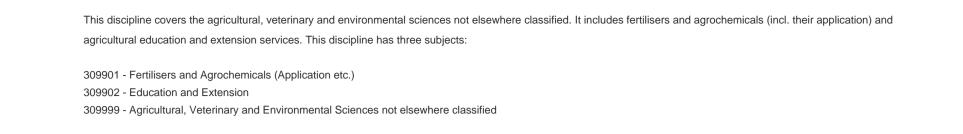
300901 - Farm Management, Rural Management and Agribusiness

300902 - Land and Parks Management

300903 - Sustainable Development

300999 - Land, Parks and Agriculture Management not elsewhere classified

Discipline 309900 - Other Agricultural, Veterinary and Environmental Sciences

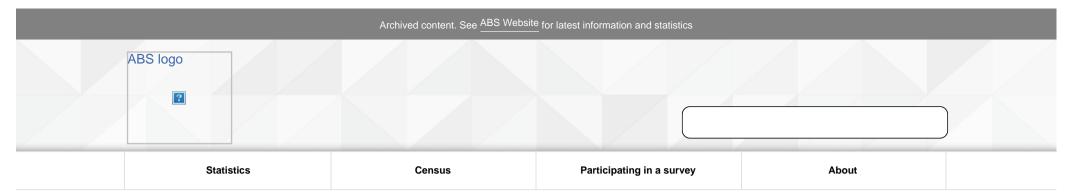


Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



> By Release Date

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Discipline	Subject	
		Description
310100		
		Architecture and Urban Environment
	310101	
		Architecture
	310102	
		Heritage and Conservation
	310103	
	040404	Urban and Regional Planning
	310104	Landscape Planning
	310105	Landscape Franking
	010100	History of the Built Environment
	310106	· ·······, ·· · ···· - ····· - ·········
		Interior and Environmental Design
	310199	-
		Architecture and Urban Environment not elsewhere classified

310200		
		Building
	310201	
	310202	Building Science and Techniques
	310202	Building Construction Management
	310203	
		Building Construction Economics (incl. Quantity Surveying)
	310299	Duilding not alcoupers alcouping
319900		Building not elsewhere classified
	319999	Other Architecture, Urban Environment and Building
	313333	Other Architecture, Urban Environment and Building

Definitions

Division 310000 - Architecture, Urban Environment and Building, covers architecture, urban environment and building. This division has three disciplines:

310100 - Architecture and Urban Environment

310200 - Building

319900 - Other Architecture, Urban Environment and Building

Discipline 310100 - Architecture and Urban Environment

This discipline covers architecture and urban environment. This discipline has seven subjects:

310101 - Architecture

310102 - Heritage and Conservation

310103 - Urban and Regional Planning

310104 - Landscape Planning

310105 - History of the Built Environment

310106 - Interior and Environmental Design

310199 - Architecture and Urban Environment not elsewhere classified

Discipline 310200 - Building

This discipline covers building, including building science and building materials. This discipline has four subjects:

310201 - Building Science and Techniques

310202 - Building Construction Management

310203 - Building Construction Economics (incl. Quantity Surveying)

310299 - Building not elsewhere classified

Discipline 319900 - Other Architecture, Orban Environment and Building		
This discipline covers architecture, urban environment and building not elsewhere classified. It has the one Subject		
319999 - Other Architecture, Urban Environment and Building.		
Previous Page	Next Page	
This page last updated 26 March 2008		
Archived content. See ABS Website for latest information and statistics		

Privacy

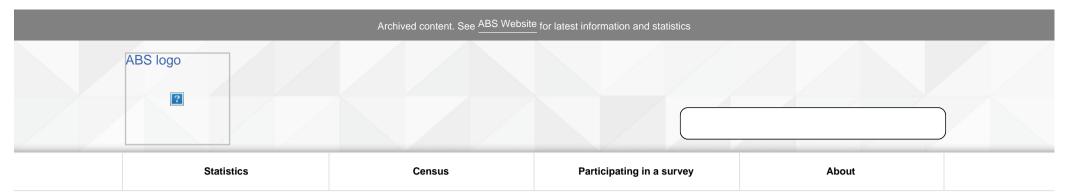
Accessibility

Staff login

Disclaimer

Copyright

Creative commons



> By Release Date

Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Classification Structure - Division 320000 - Medical And Health Sciences

Discipline Subject Description 320100 **Medicine - General** 320200 **Immunology** 320201 Allergy 320202 Cellular Immunology 320203 Humoral Immunology and Immunochemistry 320204 Immunogenetics 320205 Transplantation Immunology 320206 Tumor Immunology 320207

	320299	Autoimmunity
320300		Immunology not elsewhere classified
02000	320301	Medical Biochemistry and Clinical Chemistry
		Clinical Chemistry
	320302	Medical Biochemistry: Carbohydrates
	320303	Medical Biochemistry: Lipids
	320304	Medical Biochemistry: Nucleic Acids
	320305	Medical Biochemistry: Proteins and Peptides
	320306	Medical Biochemistry: Phospholipids
	320307	Medical Biochemistry: Other
320400		•
	320401	Medical Microbiology
	320402	Medical Bacteriology
	320403	Medical Virology
	320404	Medical Infection Agents (incl. Prions)
	320405	Medical Mycology
	320499	Medical Parasitology
320500		Medical Microbiology not elsewhere classified
02000	220504	Pharmacology and Pharmaceutical Sciences
	320501	Pharmaceutical Sciences and Pharmacy
	320502	Basic Pharmacology
	320503	Clinical Pharmacology and Therapeutics
	320504	Toxicology (incl. Clinical Toxicology)
	320599	Pharmacology not elsewhere classified
		··

320600		
	320601	Medical Physiology
	320602	Human Biophysics
		Cell Physiology
	320603	Systems Physiology
	320699	Medical Physiology not elsewhere classified
320700		
	320701	Neurosciences
	320702	Autonomic Nervous System
		Central Nervous System
	320703	Peripheral Nervous System
	320704	Cellular Nervous System
	320705	
	320799	Sensory Systems
320800		Neurosciences not elsewhere classified
	220204	Dentistry
	320801	Oral Surgery
	320802	Dentistry Support
	320803	Dental Technology
	320804	
	320899	Dental Therapy
320900		Dentistry not elsewhere classified
320900		Optometry
	320901	Optical Technology
	320999	Optometry not elsewhere classified
321000		
		Clinical Sciences

321002	Anaesthesiology			
	Dermatology			
321003	Cardiology (incl. Cardiovascular Diseases)			
321004	Endocrinology			
321005	Fetal Development and Medicine			
321006	Gastroenterology and Hepatology			
321007	Geriatrics and Gerontology			
321008	Haematology			
321009	Intensive Care			
321010	Infectious Diseases			
321011	Medical Genetics			
321012	Nephrology and Urology			
321013	Neurology and Neuromuscular Diseases			
321014	Obstetrics and Gynaecology			
321015	Oncology and Carcinogenesis			
321016	Opthalmology and Vision Science			
321017	Orthopaedics			
321018	Otorhinolaryngology			
321019	Paediatrics			
321020	Pathology			
321021				
321022	Psychiatry Rediclogy and Organ Imaging			
321023	Radiology and Organ Imaging			
	Radiotherapy and Nuclear Medicine			

	321024	Rehabilitation and Therapy: Occupational and Physical
	321025	
	321026	Rehabilitation and Therapy: Hearing and Speech
	321027	Reproduction
	321028	Respiratory Diseases
	321029	Rheumatology and Arthritis
	321030	Surgery
	321099	Venereology
321100		Clinical Sciences not elsewhere classified
321100	321101	Nursing
		Midwifery
	321102	Clinical Nursing: Primary (Preventative)
	321103	Clinical Nursing: Secondary (Acute Care)
	321104	Clinical Nursing: Tertiary (Rehabilitative)
	321105	Mental Health Nursing
	321106	Aged care Nursing
	321199	Nursing not elsewhere classified
321200		Public Health and Health Services
	321201	Environmental and Occupational Health and Safety
	321202	Epidemiology
	321203	Health Information Systems (incl. Surveillance)
	321204	
	321205	Mental Health
		Nutrition and Dietetics

	321206	Decreative Medicine
	321207	Preventive Medicine
	321208	Indigenous Health
	321209	Primary Health Care
	321210	Family Care
		Community Child Health
	321211	Residential Client Care
	321212	Care for Disabled
	321213	Human Bioethics
	321214	
	321215	Health and Community Services
	321216	Health Care Administration
	321217	Health Promotion
		Health Counselling
	321299	Public Health and Health Services not elsewhere classified
321300		Complementary/Alternative Medicine
	321301	Oriental Medicine and Treatments
	321302	Chiropractic
	321303	
	321399	Naturopathy
321400		Complementary/Alternative Medicine not elsewhere classified
	321401	Human Movement and Sports Science
		Exercise Physiology
	321402	Biomechanics
	321403	Motor Control
	321404	

	321405	Sport and Exercise Psychology
	321499	Sports Medicine
		Human Movement and Sports Science not elsewhere classified
329900		Other Medical and Health Sciences
	329901 329902	Podiatry
		Medical Biotechnology
	329903	Therapies and Therapeutic Technology
	329999	Medical and Health Sciences not elsewhere classified
		iviedicai and Health Sciences not eisewhere classified

Definitions

Division 320000 covers Medical and Health Sciences. This division has fifteen disciplines:

320100 - Medicine - General

320200 - Immunology

320300 - Medical Biochemistry and Clinical Chemistry

320400 - Medical Microbiology

320500 - Pharmacology and Pharmaceutical Sciences

320600 - Medical Physiology

320700 - Neurosciences

320800 - Dentistry

320900 - Optometry

321000 - Clinical Sciences

321100 - Nursing

321200 - Public Health and Health Services

321300 - Complementary/Alternative Medicine

321400 - Human Movement and Sports Science

329900 - Other Medical and Health Sciences

Exclusions:

- (a) Biological sciences without application to human health and disease are included in the appropriate disciplines in Division 270000 Biological Sciences;
- (b) biomedical engineering is included in Discipline 291500 Biomedical Engineering;
- (c) biological and life sciences associated with agricultural and veterinary studies are included in the appropriate disciplines in Division 300000 Agricultural, Veterinary and Environmental Sciences; and

(d) ergonomics is included in Discipline 410400 Design Studies.

Discipline 320100 - Medicine - General

This discipline is for use in classifying general courses in medicine which cannot be allocated to a more specific discipline within Division 320000 Medical and Health Sciences.

Discipline 320200 - Immunology

This discipline covers the processes and reactions of the human immune system. This discipline has eight subjects:

320201 - Allergy

320202 - Cellular Immunology

320203 - Humoral Immunology and Immunochemistry

320204 - Immunogenetics

320205 - Transplantation Immunology

320206 - Tumor Immunology

320207 - Autoimmunity

320299 - Immunology not elsewhere classified

Exclusions:

Specific human disorders or diseases are included in Discipline 321000 Clinical Sciences.

Discipline 320300 - Medical Biochemistry and Clinical Chemistry

This discipline covers human biochemistry or the chemistry of human living organisms and the human life process. This discipline has seven subjects:

320301 - Clinical Chemistry

320302 - Medical Biochemistry: Carbohydrates

320303 - Medical Biochemistry: Lipids

320304 - Medical Biochemistry: Nucleic Acids

320305 - Medical Biochemistry: Proteins and Peptides

320306 - Medical Biochemistry: Phospholipids

320307 - Medical Biochemistry: Other

Exclusions:

- (a) Biochemistry of species other than human or plant and biochemistry not related to medicine or health are included in Discipline 270100 Biochemistry and Cell Biology; and
- (b) plant biochemistry is included in Discipline 300200 Crop and Pasture Production.

Discipline 320400 - Medical Microbiology

This discipline covers microbiology associated with human health and disease. This discipline has six subjects:

320401 - Medical Bacteriology

320402 - Medical Virology

320403 - Medical Infection Agents (incl. Prions)

320404 - Medical Mycology

320405 - Medical Parasitology

320499 - Medical Microbiology not elsewhere classified

Exclusions: Microbiology

(a) for reasons not related to medicine is included in Discipline 270300 Microbiology; and

(b) in association with veterinary practice is included in Discipline 300500 Veterinary Sciences.

Discipline 320500 - Pharmacology and Pharmaceutical Sciences

This discipline covers the preparation, properties, uses and actions of drugs for medical use. This discipline has five subjects:

320501 - Pharmaceutical Sciences and Pharmacy

320502 - Basic Pharmacology

320503 - Clinical Pharmacology and Therapeutics

320504 - Toxicology (incl. Clinical Toxicology)

320599 - Pharmacology not elsewhere classified

Exclusions:

Pharmacology for veterinary use is included in Discipline 300500 Veterinary Sciences.

Discipline 320600 - Medical Physiology

This discipline covers the processes and function of the human body or the physical and chemical processes involved in the functioning of the human body and its component parts. This discipline has four subjects:

320601 - Human Biophysics

320602 - Cell Physiology

320603 - Systems Physiology

320699 - Medical Physiology not elsewhere classified

Exclusions:

(a) Medical physics is included in Discipline 249900 Other Physical Sciences;

(b) basic animal physiology and comparative physiology are included in Discipline 270600 Physiology;

- (c) physiology related to specific aspects of plant or animal production or veterinary practice is included in the appropriate disciplines in Division 300000 Agricultural, Veterinary and Environmental Sciences; and
- (d) exercise physiology is included in Discipline 321400 Human Movement and Sports Science.

Discipline 320700 - Neurosciences

This discipline covers the processes and reactions of the human nervous system. This discipline has six subjects:

- 320701 Autonomic Nervous System
- 320702 Central Nervous System
- 320703 Peripheral Nervous System
- 320704 Cellular Nervous System
- 320705 Sensory Systems
- 320799 Neurosciences not elsewhere classified

Exclusions:

- (a) Neurology and neuromuscular disease, psychiatry (incl. psychotherapy) and other specific neurological disorders are included in the appropriate subjects in Discipline 321000 Clinical Sciences; and
- (b) neurocognitive patterns and neural networks are included in Discipline 380300 Cognitive Sciences.

Discipline 320800 - Dentistry

This discipline covers dentistry. This discipline has five subjects:

- 320801 Oral Surgery
- 320802 Dentistry Support
- 320803 Dental Technology
- 320804 Dental Therapy
- 320899 Dentistry not elsewhere classified

Discipline 320900 - Optometry

This discipline covers optometry. This discipline has two subjects:

- 320901 Optical Technology
- 320999 Optometry not elsewhere classified

Discipline 321000 - Clinical Sciences

This discipline covers specific clinical aspects of medicine, including causes, diagnosis, treatment and management of specific diseases and conditions. This discipline has

thirty one subjects:
321001 - Anaesthesiology
321002 - Dermatology
321003 - Cardiology (incl. Cardiovascular Diseases)
321004 - Endocrinology
321005 - Fetal Development and Medicine
321006 - Gastroenterology and Hepatology
321007 - Geriatrics and Gerontology
321008 - Haematology
321009 - Intensive Care
321010 - Infectious Diseases
321011 - Medical Genetics
321012 - Nephrology and Urology
321013 - Neurology and Neuromuscular Diseases
321014 - Obstetrics and Gynaecology
321015 - Oncology and Carcinogenesis
321016 - Opthalmology and Vision Science
321017 - Orthopaedics
321018 - Otorhinolaryngology
321019 - Paediatrics
321020 - Pathology
321021 - Psychiatry
321022 - Radiology and Organ Imaging
321023 - Radiotherapy and Nuclear Medicine
321024 - Rehabilitation and Therapy: Occupational and Physical
321025 - Rehabilitation and Therapy: Hearing and Speech
321026 - Reproduction
321027 - Respiratory Diseases
321028 - Rheumatology and Arthritis
321029 - Surgery
321030 - Venereology

321099 - Clinical Sciences not elsewhere classified

Exclusions:

- (a) Immunology, medical biochemistry, medical microbiology, pharmacology, physiology, neurosciences, dentistry and optometry are included in other disciplines in Division 320000 Medical and Health Sciences;
- (b) sport and exercise psychology is included in Discipline 321400 Human Movement and Sports Science; and
- (c) psychology (other than sport and exercise psychology) is included in Discipline 380100 Psychology.

Discipline 321100 - Nursing

This discipline covers nursing. This discipline has seven subjects:

321101 - Midwifery

321102 - Clinical Nursing: Primary (Preventative)

321103 - Clinical Nursing: Secondary (Acute Care)

321104 - Clinical Nursing: Tertiary (Rehabilitative)

321105 - Mental Health Nursing

321106 - Aged Care Nursing

321199 - Nursing not elsewhere classified

Discipline 321200 - Public Health and Health Services

This discipline covers the non-clinical aspects (e.g. statistical, administration, programme evaluation, impact of life style) of health and health care and the provision, administration and evaluation of health care services. This discipline has eighteen subjects:

321201 - Environmental and Occupational Health and Safety

321202 - Epidemiology

321203 - Health Information Systems (incl. Surveillance)

321204 - Mental Health

321205 - Nutrition and Dietetics

321206 - Preventive Medicine

321207 - Indigenous Health

321208 - Primary Health Care

321209 - Family Care

321210 - Community Child Health

321211 - Residential Client Care

321212 - Care for Disabled

321213 - Human Bioethics

321214 - Health and Community Services

321215 - Health Care Administration

321216 - Health Promotion

321217 - Health Counselling

321299 - Public Health and Health Services not elsewhere classified

Exclusions:

- (a) Nursing is included in Discipline 321100 Nursing; and
- (b) health economics is included in Discipline 340200 Applied Economics.

Discipline 321300 - Complementary/Alternative Medicine

This discipline covers complementary/alternative medicine. This discipline has four subjects:

321301 - Oriental Medicine and Treatments 321302 - Chiropractic 321303 - Naturopathy 321399 - Complementary/Alternative Medicine not elsewhere classified Discipline 321400 - Human Movement and Sports Science

This discipline covers human movement and sports science. This discipline has six subjects:

321401 - Exercise Physiology

321402 - Biomechanics

321403 - Motor Control

321404 - Sport and Exercise Psychology

321405 - Sports Medicine

321499 - Human Movement and Sports Science not elsewhere classified

Discipline 329900 - Other Medical and Health Sciences

This discipline covers other medical and health sciences not elsewhere classified. This discipline has four subjects:

329901 - Podiatry

329902 - Medical Biotechnology

329903 - Therapies and Therapeutic Technology

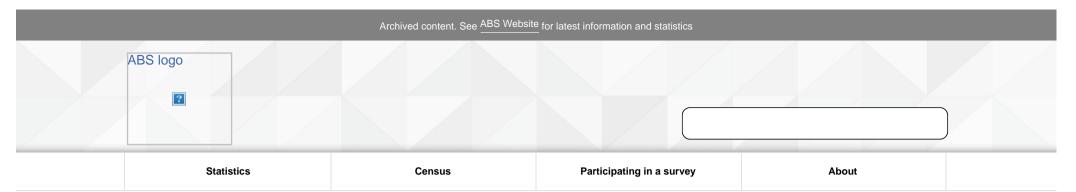
329999 - Medical and Health Sciences not elsewhere classified

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics

Copyright Accessibility Staff login Creative commons Disclaimer Privacy



Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Classification Structure - Division 330000 - Education

Discipline	Subject	
Discipillie	Subject	Description
330100		
		Education Studies
	330101	
		Educational Psychology
	330102	
	000400	History and Philosophy of Education
	330103	Cociology of Education
	330104	Sociology of Education
	330104	Educational Policy, Administration and Management
	330105	,,, , ,, ,
		Educational Counselling
	330106	
		Comparative Education
	330107	
		Educational Technology and Media
	330108	

	330109	Special Education
	330199	Assessment and Evaluation
220200	330199	Education Studies not elsewhere classified
330200		Curriculum Studies
	330201	Curriculum Studies: English Education
	330202	Curriculum Studies: Mathematics Education
	330203	Curriculum Studies: Science Education
	330204	Curriculum Studies: Economics, Commerce, Management and Services Education
	330205	Curriculum Studies: Other Social Sciences, Humanities and Arts Education
	330206	Curriculum Theory and Development
	330299	
330300		Curriculum Studies not elsewhere classified
	330301	Professional Development of Teachers
	330302	Teacher Education: Early Childhood
	330303	Teacher Education: Primary
	330304	Teacher Education: Secondary
	330305	Teacher Education: Vocational Education and Training
		Teacher Education: Higher Education
	330306	Teacher Education: Special Education
	330307	Teacher Education: Nursing and Health
	330399	Professional Development of Teachers not elsewhere classified
339900		Other Education
	339999	Other Education

Division 330000 - Education, covers education, including the professional development of teachers. This division has four disciplines:

330100 - Education Studies

330200 - Curriculum Studies

330300 - Professional Development of Teachers

339900 - Other Education

Discipline 330100 - Education Studies

This discipline covers education studies. This discipline has ten subjects:

330101 - Educational Psychology

330102 - History and Philosophy of Education

330103 - Sociology of Education

330104 - Educational Policy, Administration and Management

330105 - Educational Counselling

330106 - Comparative Education

330107 - Educational Technology and Media

330108 - Special Education

330109 - Assessment and Evaluation

330199 - Education Studies not elsewhere classified

Discipline 330200 - Curriculum Studies

This discipline covers curriculum studies. This discipline has seven subjects:

330201 - Curriculum Studies: English Education

330202 - Curriculum Studies: Mathematics Education

330203 - Curriculum Studies: Science Education

330204 - Curriculum Studies: Economics, Commerce, Management and Services Education

330205 - Curriculum Studies: Other Social Sciences, Humanities and Arts Education

330206 - Curriculum Theory and Development

330299 - Curriculum Studies not elsewhere classified

Discipline 330300 - Professional Development of Teachers

This discipline covers the professional development of teachers. This discipline has eight subjects:

330301 - Teacher Education: Early Childhood

330302 - Teacher Education: Primary

330303 - Teacher Education: Secondary

330304 - Teacher Education: Vocational Education and Training

330305 - Teacher Education: Higher Education 330306 - Teacher Education: Special Education

<u>Previous</u>	<u>Page</u>					<u>Next Page</u>
		This page last upda	ted 26 March 2008			
	Arch	nived content. See ABS Website	for latest information and sta	atistics		
Creative commons	Copyright	Disclaimer	Privacy	Accessibility	Staff login	

330307 - Teacher Education: Nursing and Health

Discipline 339900 - Other Education

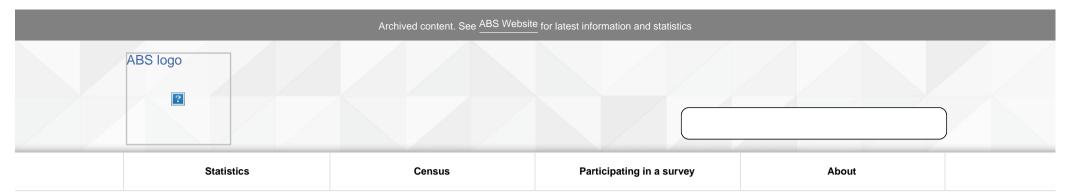
339999 - Other Education

Exclusions:

330399 - Professional Development of Teachers not elsewhere classified

This discipline covers other education not elsewhere classified. It has the one subject:

Legal education is included in Discipline 390200 Professional Development of Law Practitioners.



Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Classification Structure - Division 340000 - Economics

Discipline	Subject	Description
340100		
		Economic Theory
	340101	
		Microeconomic Theory
	340102	Management's Theory
	340103	Macroeconomic Theory
	340103	Mathematical Economics
	340199	
		Economic Theory not elsewhere classified
340200		
		Applied Economics
	340201	A grigultural Feenemine
	340202	Agricultural Economics
	340202	Environment and Resource Economics
	340203	

	0.4000.4	Finance Economics
	340204	Health Economics
	340205	Industry Economics and Industrial Organisation
	340206	International Economics and International Finance
	340207	Labour Economics
	340208	Macroeconomics (incl. Monetary and Fiscal Theory)
	340209	Public Sector Economics
	340210	Welfare Economics
	340211	
	340212	Transport Economics
	340213	Economic Geography
	340214	Economic Development and Growth
	340299	Urban and Regional Economics
340300		Applied Economics not elsewhere classified
	340301	Economic History and History of Economic Thought
		Economic History
	340302	History of Economic Thought
340400		Econometrics
	340401	Economic Models and Forecasting
	340402	Econometric and Statistical Methods
	340403	Time-Series Analysis
	340404	Cross-Sectional Analysis
	340405	Panel Data Analysis
	340499	
		Econometrics not elsewhere classified

34	^	•	^	^

Other Economics

349901

Political Economy

349902

Comparative Economic Systems

349999

Economics not elsewhere classified

Definitions

Division 340000 covers Economics. This division has five disciplines:

340100 - Economic Theory

340200 - Applied Economics

340300 - Economic History and History of Economic Thought

340400 - Econometrics

349900 - Other Economics

Discipline 340100 - Economic Theory

This discipline covers economic theory. This discipline has four subjects:

340101 - Microeconomic Theory

340102 - Macroeconomic Theory

340103 - Mathematical Economics

340199 - Economic Theory not elsewhere classified

Discipline 340200 - Applied Economics

This discipline covers applied economics. This discipline has fifteen subjects:

340201 - Agricultural Economics

340202 - Environment and Resource Economics

340203 - Finance Economics

340204 - Health Economics

340205 - Industry Economics and Industrial Organisation

340206 - International Economics and International Finance

340207 - Labour Economics

340208 - Macroeconomics (incl. Monetary and Fiscal Theory)

340209 - Public Sector Economics

340210 - Welfare Economics

340211 - Transport Economics

340212 - Economic Geography

340213 - Economic Development and Growth

340214 - Urban and Regional Economics

340299 - Applied Economics not elsewhere classified

Exclusions:

Tourism economics is included in Discipline 350500 Tourism.

Discipline 340300 - Economic History and History of Economic Thought

This discipline covers economic history and the history of economic thought. This discipline has two subjects:

340301 - Economic History

340302 - History of Economic Thought

Discipline 340400 - Econometrics

This discipline covers econometrics. It includes time-series analysis, cross-sectional analysis and panel data analysis. This discipline has six subjects:

340401 - Economic Models and Forecasting

340402 - Econometric and Statistical Methods

340403 - Time-Series Analysis

340404 - Cross-Sectional Analysis

340405 - Panel Data Analysis

340499 - Econometrics not elsewhere classified

Exclusions:

Financial econometrics is included in Discipline 350300 Banking, Finance and Investment.

Discipline 349900 - Other Economics

This discipline covers any economics not elsewhere specified. This discipline has three subjects:

349901 - Political Economy

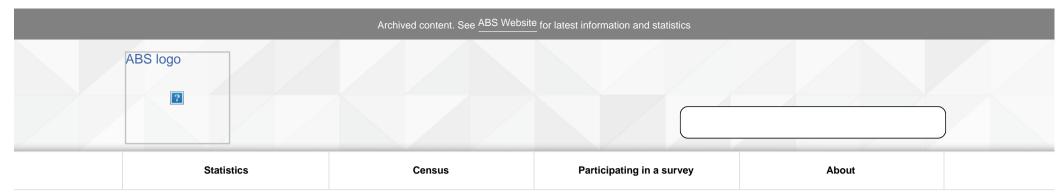
349902 - Comparative Economic Systems

349999 - Economics not elsewhere classified

Previous Page Next Page

Archived content. See ABS Website for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Discipline	Subject	
		Description
350100		
		Accounting, Auditing and Accountability
	350101	
		Financial Accounting
	350102	
		Management Accounting
	350103	A 199
	350104	Auditing and Accountability
	330104	Taxation
	350105	Taxation
	000100	Bookkeeping
	350106	
		International Accounting
	350107	
		Other Accounting

350200 **Business and Management** 350201 Human Resources Management 350202 Business Information Systems (incl. Data Processing) 350203 Industrial Relations 350204 Marketing and Market Research 350205 Sales and Distribution 350206 Advertising and Public Relations 350207 Office Services 350208 Organisational Planning and Management 350209 Small Business Management 350210 **Quality Management** 350211 Innovation and Technology Management 350212 International Business 350213 Electronic Commerce 350299 Business and Management not elsewhere classified 350300 Banking, Finance and Investment 350301 Finance 350302 Financial Econometrics 350303 Financial Institutions (incl. Banking) 350304

350400 **Transportation**

Insurance Studies

Banking, Finance and Investment not elsewhere classified

350399

350401

	350402	North autour Transportation
	350403	Aircrew Training
	330403	Nautical Transportation
	350404	Marine Crew Training
	350405	Marine Crew Training
	350499	Road and Rail Transportation
	350499	Transportation not elsewhere classified
350500		Tourism
	350501	Tourism
	250502	Tourism Policy and Planning
	350502	Tourism Resource Appraisal
	350503	Impacts of Tourism
	350504	impacts of Tourism
	350505	Tourist Behaviour
	330303	Tourism Economics
	350506	Tourism Forecasting
	350507	Tourism Forecasting
	350508	Tourism Management
	330300	Tourism Marketing
	350599	Tourism not elsewhere classified
350600		Tourism not elsewhere diassilled
	350601	Services
	330001	Hospitality Management
	350602	Food and Hospitality Services
	350603	1 cod and Hospitality Colvides
	350604	Real Estate and Valuation
	330004	Professional Services (Legal, Management Consulting, etc.)
	350605	Other Retail Services
	350606	
		Wholesale Services

Aeronautical Transportation

350699

Services not elsewhere classified

359900

Other Commerce, Management, Tourism and Services

359999

Other Commerce, Management, Tourism and Services

Definitions

Division 350000 covers Commerce, Management, Tourism and Services. This division has seven disciplines:

350100 - Accounting, Auditing and Accountability

350200 - Business and Management

350300 - Banking, Finance and Investment

350400 - Transportation

350500 - Tourism

350600 - Services

359900 - Other Commerce, Management, Tourism and Services

Discipline 350100 - Accounting, Auditing and Accountability

This discipline covers accounting, auditing and accountability. This discipline has seven subjects:

350101 - Financial Accounting

350102 - Management Accounting

350103 - Auditing and Accountability

350104 - Taxation

350105 - Bookkeeping

350106 - International Accounting

350107 - Other Accounting

Exclusions::

Business management is included in Discipline 350200 Business and Management.

Discipline 350200 - Business and Management

This discipline covers business management, industrial relations, marketing, public relations and electronic commerce. This discipline has fourteen subjects:

350201 - Human Resources Management

350202 - Business Information Systems (incl. Data Processing)

350203 - Industrial Relations

350204 - Marketing and Market Research

350205 - Sales and Distribution

350206 - Advertising and Public Relations

- 350207 Office Services
- 350208 Organisational Planning and Management
- 350209 Small Business Management
- 350210 Quality Management
- 350211 Innovation and Technology Management
- 350212 International Business
- 350213 Electronic Commerce
- 350299 Business and Management not elsewhere classified

Exclusions:

Tourism management is included in Discipline 350500 Tourism.

Discipline 350300 - Banking, Finance and Investment

This discipline covers banking, finance and investment. This discipline has five subjects:

- 350301 Finance
- 350302 Financial Econometrics
- 350303 Financial Institutions (incl. Banking)
- 350304 Insurance Studies
- 350399 Banking, Finance and Investment not elsewhere classified

Exclusions:

Actuarial mathematics is included in Discipline 239900 Other Mathematical Sciences.

Discipline 350400 - Transportation

This discipline covers transportation. This discipline has six subjects:

- 350401 Aeronautical Transportation
- 350402 Aircrew Training
- 350403 Nautical Transportation
- 350404 Marine Crew Training
- 350405 Road and Rail Transportation
- 350499 Transportation not elsewhere classified

Discipline 350500 - Tourism

This discipline covers tourism. This discipline has nine subjects:

- 350501 Tourism Policy and Planning
- 350502 Tourism Resource Appraisal

350503 - Impacts of Tourism 350504 - Tourist Behaviour 350505 - Tourism Economics 350506 - Tourism Forecasting 350507 - Tourism Management 350508 - Tourism Marketing 350599 - Tourism not elsewhere classified Discipline 350600 - Services

This discipline covers services. This discipline has seven subjects:

350601 - Hospitality Management

350602 - Food and Hospitality Services

350603 - Real Estate and Valuation

350604 - Professional Services (Legal, Management Consulting, etc.)

350605 - Other Retail Services

350606 - Wholesale Services

350699 - Services not elsewhere classified

Discipline 359900 - Other Commerce, Management, Tourism and Services

This discipline covers commerce, management, tourism and services not elsewhere specified. It has the one subject:

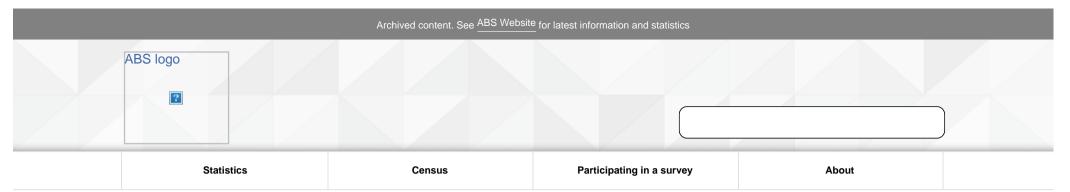
359999 - Other Commerce, Management, Tourism and Services.

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics

Copyright Privacy Accessibility Staff login Creative commons Disclaimer



Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Classification Structure - Division 360000 - Policy and Political Science

Discipline Subject Description 360100 **Political Science** 360101 Australian Government and Politics 360102 Comparative Government and Politics 360103 Federalism and Intergovernmental Relations 360104 Political Theory and Political Philosophy 360105 International Relations 360199 Political Science not elsewhere classified 360200 **Policy and Administration** 360201

		Public Policy
	360202	
	000000	Public Administration
	360203	Research, Science and Technology Policy
	360204	
		Defence Studies
	360299	
369900		Policy and Administration not elsewhere classified
303300	369999	Other Policy and Political Science
	33333	Other Policy and Political Science

Definitions

Division 360000 - Policy and Political Science, covers political science, public policy and administration, international relations and other policy studies. This division has three disciplines:

360100 - Political Science

360200 - Policy and Administration

369900 - Other Policy and Political Science

Exclusions:

- (a) Administration and evaluation of health care and community services is included in Discipline 321200 Public Health and Health Services; and
- (b) the history and philosophy of science and medicine is included in Discipline 370600 History and Philosophy of Science and Medicine.

Discipline 360100 - Political Science

This discipline covers political science. This discipline has six subjects:

360101 - Australian Government and Politics

360102 - Comparative Government and Politics

360103 - Federalism and Intergovernmental Relations

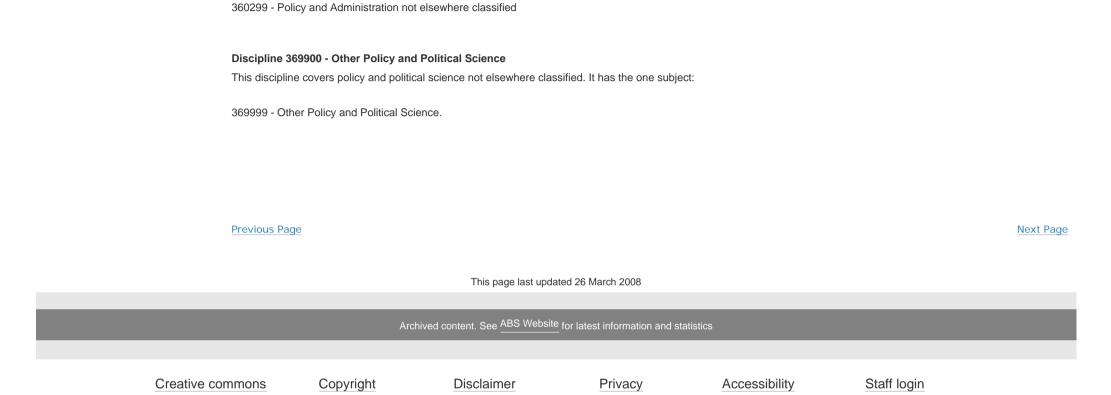
360104 - Political Theory and Political Philosophy

360105 - International Relations

360199 - Political Science not elsewhere classified

Discipline 360200 - Policy and Administration

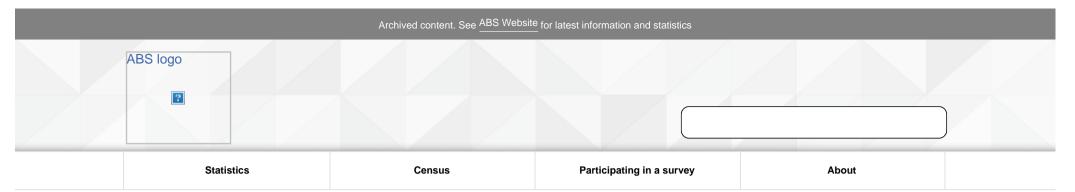
This discipline covers policy and administration. This discipline has five subjects:



360201 - Public Policy 360202 - Public Administration

360204 - Defence Studies

360203 - Research, Science and Technology Policy



Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Classification Structure - Division 370000 - Studies in Human Society

Discipline Subject Description 370100 Sociology 370101 Social Theory 370102 Social Policy and Planning 370103 Race and Ethnic Relations 370104 Urban Sociology and Community Studies 370105 Applied Sociology, Program Evaluation and Social Impact Assessment 370106 Sociological Methodology and Research Methods 370107 Social Change 370199

		Sociology not elsewhere classified
370200		Social Work
	370201	October Work
		Clinical Social Work Practice
	370202	
		Social Program Evaluation
	370203	Social Policy
	370204	Social Policy
	0.0201	Counselling, Welfare and Community Services
	370299	
		Social Work not elsewhere classified
370300		
	270201	Anthropology
	370301	Biological (Physical) Anthropology
	370302	Diological (Frysical) / www.pology
		Social and Cultural Anthropology
	370303	
		Linguistic Anthropology
	370399	Anthropology not alcoulage algoritied
370400		Anthropology not elsewhere classified
010400		Human Geography
	370401	
		Urban and Regional Studies
	370402	
	270402	Social and Cultural Geography
	370403	Recreation and Leisure Studies
	370499	
		Human Geography not elsewhere classified
370500		
		Demography
	370501	Population Trends and Policies
	370502	ropulation frends and rollcles
	0.0002	Migration
	370503	
		Fertility
	370504	Family and Haveahald Chydiae
		Family and Household Studies
	370504 370599	Family and Household Studies Demography not elsewhere classified

Sociology not elsewhere classified

370600		
		History and Philosophy of Science and Medicine
	370601	
		History and Philosophy of Science and Technology
	370602	
		Sociology and Social Studies of Science and Technology
	370603	
		History and Philosophy of Medicine
	370699	
		History and Philosophy of Science and Medicine not elsewhere classified
379900		
		Other Studies in Human Society
	379901	
		Gender Specific Studies
	379902	
	070000	Aboriginal Studies
	379999	Chudian in Llumon Conintu not alcoubour alcouified
		Studies in Human Society not elsewhere classified

Definitions

Division 370000 - Studies in Human Society, covers studies in human society, including sociology, social work, anthropology, human geography, demography and history and philosophy of science and medicine. This division has seven disciplines:

370100 - Sociology 370200 - Social Work 370300 - Anthropology 370400 - Human Geography 370500 - Demography 370600 - History and Philosophy of Science and Medicine 379900 - Other Studies in Human Society

Discipline 370100 - Sociology

This discipline covers sociology. It includes social theory, policy and planning, race and ethnic relations, community studies and social change. This discipline has eight subjects:

```
370101 - Social Theory
370102 - Social Policy and Planning
370103 - Race and Ethnic Relations
370104 - Urban Sociology and Community Studies
370105 - Applied Sociology, Program Evaluation and Social Impact Assessment
370106 - Sociological Methodology and Research Methods
370107 - Social Change
370199 - Sociology not elsewhere classified
```

Exclusions:

- (a) Sociology of education is included in Discipline 330100 Education Studies; and
- (b) criminology is included in Discipline 390400 Law Enforcement.

Discipline 370200 - Social Work

This discipline covers social work. This discipline has five subjects:

370201 - Clinical Social Work Practice

370202 - Social Program Evaluation

370203 - Social Policy

370204 - Counselling, Welfare and Community Services

370299 - Social Work not elsewhere classified

Exclusions:

Urban and regional studies is included in Discipline 370400 Human Geography.

Discipline 370300 - Anthropology

This discipline covers anthropology. This discipline has four subjects:

370301 - Biological (Physical) Anthropology

370302 - Social and Cultural Anthropology

370303 - Linguistic Anthropology

370399 - Anthropology not elsewhere classified

Discipline 370400 - Human Geography

This discipline covers human geography. This discipline has four subjects:

370401 - Urban and Regional Studies

370402 - Social and Cultural Geography

370403 - Recreation and Leisure Studies

370499 - Human Geography not elsewhere classified

Exclusions:

- (a) Physical geography is included in Discipline 269900 Other Earth Sciences;
- (b) economic geography is included in Discipline 340200 Applied Economics; and

(c) demography is included in Discipline 370500 Demography.

Discipline 370500 - Demography

This discipline covers population and demographic studies. This discipline has five subjects:

370501 - Population Trends and Policies

370502 - Migration

370503 - Fertility

370504 - Family and Household Studies

370599 - Demography not elsewhere classified

Exclusions:

Actuarial studies are included in Discipline 350300 Banking, Finance and Investment.

Discipline 370600 - History and Philosophy of Science and Medicine

This discipline covers the history and philosophy of science and medicine. This discipline has four subjects:

370601 - History and Philosophy of Science and Technology

370602 - Sociology and Social Studies of Science and Technology

370603 - History and Philosophy of Medicine

370699 - History and Philosophy of Science and Medicine not elsewhere classified

Exclusions:

- (a) Human bioethics is included in Discipline 321200 Public Health and Health Services; and
- (b) science and technology policy is included in Discipline 360200 Political Studies and Administration.

Discipline 379900 - Other Studies in Human Society

This discipline covers studies in human society not elsewhere classified. This discipline has three subjects:

379901 - Gender Specific Studies

379902 - Aboriginal Studies

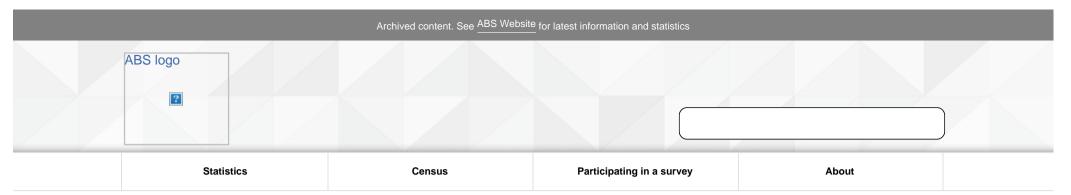
379999 - Studies in Human Society not elsewhere classified

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See	ABS Website	for latest information	and statistics
-----------------------	-------------	------------------------	----------------

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Discipline	Subject	
		Description
380100		
		Psychology
	380101	
		Sensory Processes, Perception and Performance
	380102	Learning, Memory, Cognition and Language
	380103	Learning, Memory, Cognition and Language
	000.00	Biological Psychology (Neuropsychology, Psychopharmacology, Physiological Psychology)
	380104	
		Personality, Abilities and Assessment
	380105	
	380106	Social and Community Psychology
	300100	Developmental Psychology and Ageing
	380107	Developmental Feyerlegy and Ageing
		Health, Clinical and Counselling Psychology

	380108	
	380109	Industrial and Organisational Psychology
	380199	Psychological Methodology, Design and Analysis
380200		Psychology not elsewhere classified
300200		Linguistics
	380201	Applied Linguistics and Educational Linguistics
	380202	Computational Linguistics
	380203	Discourse and Pragmatics
	380204	
	380205	Laboratory Phonetics and Speech Science
	380206	Language in Culture and Society (Sociolinguistics)
	380207	Language in Time and Space (incl. Historical Linguistics, Dialectology)
		Linguistic Structures (incl. Grammar, Phonology, Lexicon, Semantics)
	380208	Lexicography
	380299	Linguistics not elsewhere classified
380300		Cognitive Science
	380301	
	380302	Philosophy of Cognition
	380303	Linguistic Processes (incl. Speech Production and Comprehension)
		Computer Perception, Memory and Attention
	380304	Neurocognitive Patterns and Neural Networks
	380305	Knowledge Representation and Machine Learning
	380306	Planning and Problem Solving
	380399	
389900		Cognitive Science not elsewhere classified
	389999	Other Behavioural and Cognitive Sciences

Definitions

Division 380000 covers the Behavioural and Cognitive Sciences. This division has four disciplines:

380100 - Psychology

380200 - Linguistics

380300 - Cognitive Science

389900 - Other Behavioural and Cognitive Sciences

Discipline 380100 - Psychology

This discipline covers psychology. This discipline has ten subjects:

380101 - Sensory Processes, Perception and Performance

380102 - Learning, Memory, Cognition and Language

380103 - Biological Psychology (Neuropsychology, Psychopharmacology, Physiological Psychology)

380104 - Personality, Abilities and Assessment

380105 - Social and Community Psychology

380106 - Developmental Psychology and Ageing

380107 - Health, Clinical and Counselling Psychology

380108 - Industrial and Organisational Psychology

380109 - Psychological Methodology, Design and Analysis

380199 - Psychology not elsewhere classified

Exclusions:

- (a) The application of psychology to an understanding of computer-human interface is included in Discipline 280100 Information Systems;
- (b) neuroscience is included in Discipline 320700 Neurosciences;
- (c) mental health is included in Discipline 321200 Public Health and Health Services;
- (d) sport and exercise psychology is included in Discipline 321400 Human Movement and Sports Science;
- (e) educational psychology is included in Discipline 330100 Education Studies;
- (f) the application of psychology to cognitive science is included in Discipline 380300 Cognitive Science;
- (g) criminology is included in Discipline 390400 Law Enforcement; and
- (h) psychology of religion is included in Discipline 440200 Religion and Religious Traditions.

Discipline 380200 - Linguistics

This discipline covers linguistics. This discipline has nine subjects:

- 380201 Applied Linguistics and Educational Linguistics
- 380202 Computational Linguistics
- 380203 Discourse and Pragmatics
- 380204 Laboratory Phonetics and Speech Science
- 380205 Language in Culture and Society (Sociolinguistics)
- 380206 Language in Time and Space (incl. Historical Linguistics, Dialectology)
- 380207 Linguistic Structures (incl. Grammar, Phonology, Lexicon, Semantics)
- 380208 Lexicography
- 380299 Linguistics not elsewhere classified

Exclusions:

- (a) Linguistic anthropology is included in Discipline 370300 Anthropology; and
- (b) linguistic processes is included in Discipline 380300 Cognitive Science.

Discipline 380300 - Cognitive Science

This discipline covers cognitive science. This discipline has seven subjects:

- 380301 Philosophy of Cognition
- 380302 Linguistic Processes (incl. Speech Production and Comprehension)
- 380303 Computer Perception, Memory and Attention
- 380304 Neurocognitive Patterns and Neural Networks
- 380305 Knowledge Representation and Machine Learning
- 380306 Planning and Problem Solving
- 380399 Cognitive Science not elsewhere classified

Exclusions:

Artificial intelligence is included in Discipline 280200 Artificial Intelligence and Signal and Image Processing.

Discipline 389900 - Other Behavioural and Cognitive Sciences

This discipline covers behavioural and cognitive sciences not elsewhere classified. It has the one subject:

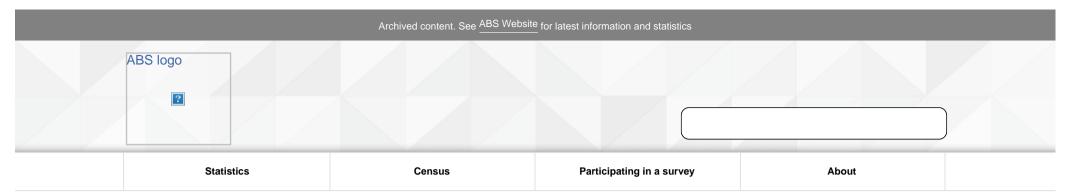
389999 - Other Behavioural and Cognitive Sciences.

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistic	Archived content.	See ABS	Website	for latest	information	and statistics
--	-------------------	---------	---------	------------	-------------	----------------

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Contents

Classification Structure - Division 390000 - Law, Justice and Law Enforcement

Discipline	Subject	
		Description
390100		
		Law
	390101	
		Administrative Law
	390102	
		Comparative Law
	390103	One of the formal base and One of the formal Laure
	200404	Constitutionalism and Constitutional Law
	390104	Commercial and Contract Law
	390105	Commercial and Contract Law
	000100	Corporations and Associations Law
	390106	
		Criminal Law
	390107	
		Environmental and Natural Resources Law
	390108	

	2004.00	Family Law
	390109	Civil Law
	390110	Indigenous Law
	390111	International Law
	390112	Law and Literature
	390113	Legal History
	390114	Intellectual Property
	390115	Property Law and Conveyancing (excl. Intellectual Property)
	390116	Labour Law
	390117	Tort Law
	390118	Taxation Law
	390119	Equity Law
	390120	Trust Law
22222	390199	Law not elsewhere classified
390200	000004	Professional Development of Law Practitioners
	390201	Legal Practice
	390202	Adjudication
	390203	Legal Education
	390204	Professional Ethics
200200	390299	Professional Development of Law Practitioners not elsewhere classified
390300	390301	Justice and Legal Studies
		Justice Systems and Administration
	390302	Jurisprudence and Legal Theory

	390303 390304	Human Rights
	390305 390399	Counselling and Mediation Services Law and Society
390400	00000	Justice and Legal Studies not elsewhere classified
	390401	Law Enforcement
399900	390402	Criminology
	390403	Evidence and Procedure
	390404	Police Administration, Procedures and Practice
	390405	Detection and Prevention of Crime; Security Services
	390499	Correctional Theory and Services; Penology Law Enforcement not elsewhere classified
		Other Law, Justice and Law Enforcement
	399901	History and Philosophy of Law and Justice
	399999	Law, Justice and Law Enforcement not elsewhere classified

Definitions

Division 390000 covers Law, Justice and Law Enforcement.. This division has five disciplines:

390100 - Law

390200 - Professional Development of Law Practitioners

390300 - Justice and Legal Studies

390400 - Law Enforcement

399900 - Other Law, Justice and Law Enforcement

Discipline 390100 - Law

This discipline covers law. This discipline has twenty one subjects:

390101 - Administrative Law 390102 - Comparative Law

```
390103 - Constitutionalism and Constitutional Law
390104 - Commercial and Contract Law
```

390105 - Corporations and Associations law

390106 - Criminal Law

390107 - Environmental and Natural Resources Law

390108 - Family Law

390109 - Civil Law

390110 - Indigenous Law

390111 - International Law

390112 - Law and Literature

390113 - Legal History

390114 - Intellectual Property

390115 - Property Law and Conveyancing (excl. Intellectual Property)

390116 - Labour Law

390117 - Tort Law

390118 - Taxation Law

390119 - Equity Law

390120 - Trust Law

390199 - Law not elsewhere classified

Discipline 390200 - Professional Development of Law Practitioners

This discipline covers the professional development of law practitioners. This discipline has five subjects:

390201 - Legal Practice

390202 - Adjudication

390203 - Legal Education

390204 - Professional Ethics

390299 - Professional Development of Law Practitioners not elsewhere classified

Discipline 390300 Justice and Legal Studies

This discipline covers justice and legal studies. This discipline has six subjects:

390301 - Justice Systems and Administration

390302 - Jurisprudence and Legal Theory

390303 - Human Rights

390304 - Counselling and Mediation Services

390305 - Law and Society

390399 - Justice and Legal Studies not elsewhere classified

Discipline 390400 - Law Enforcement

This discipline covers law enforcement. This discipline has six subjects:

- 390401 Criminology
- 390402 Evidence and Procedure
- 390403 Police Administration, Procedures and Practice
- 390404 Detection and Prevention of Crime; Security Services
- 390405 Correctional Theory and Services; Penology
- 390499 Law Enforcement not elsewhere classified

Discipline 399900 - Other Law, Justice and Law Enforcement

This discipline covers law, justice and law enforcement not elsewhere classified. This discipline has two subjects:

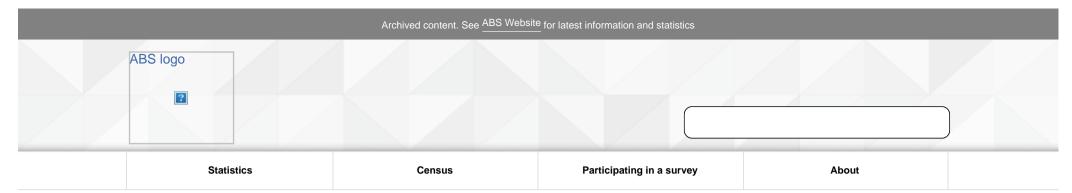
- 399901 History and Philosophy of Law and Justice
- 399999 Law, Justice and Law Enforcement not elsewhere classified

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Discipline	Subject	
		Description
400100		
		Journalism, Communication and Media
	400101	
		Journalism
	400102	
	400400	Technical Writing
	400103	Director in all Creative Writing
	400104	Professional Creative Writing
	400104	Communication and Media Studies
	400199	
		Journalism, Communication and Media not elsewhere classified
400200		
		Librarianship
	400201	
		Librarianship

400300		
		Curatorial Studies
	400301	Museum Studies
	400302	
	400000	Archival Studies
	400303	Materials Conservation
	400399	
400000		Curatorial Studies not elsewhere classified
409900	409999	Other Journalism, Librarianship and Curatorial Studies
		Other Journalism, Librarianship and Curatorial Studies

Definitions

Division 400000 covers Journalism, Librarianship and Curatorial Studies. This division has four disciplines:

400100 - Journalism, Communication and Media

400200 - Librarianship

400300 - Curatorial Studies

409900 - Other Journalism, Librarianship and Curatorial Studies

Discipline 400100 - Journalism, Communication and Media

This discipline covers media and communication studies and journalism. This discipline has five subjects:

400101 - Journalism

400102 - Technical Writing

400103 - Professional Creative Writing

400104 - Communication and Media Studies

400199 - Journalism, Communication and Media not elsewhere classified

Exclusions:

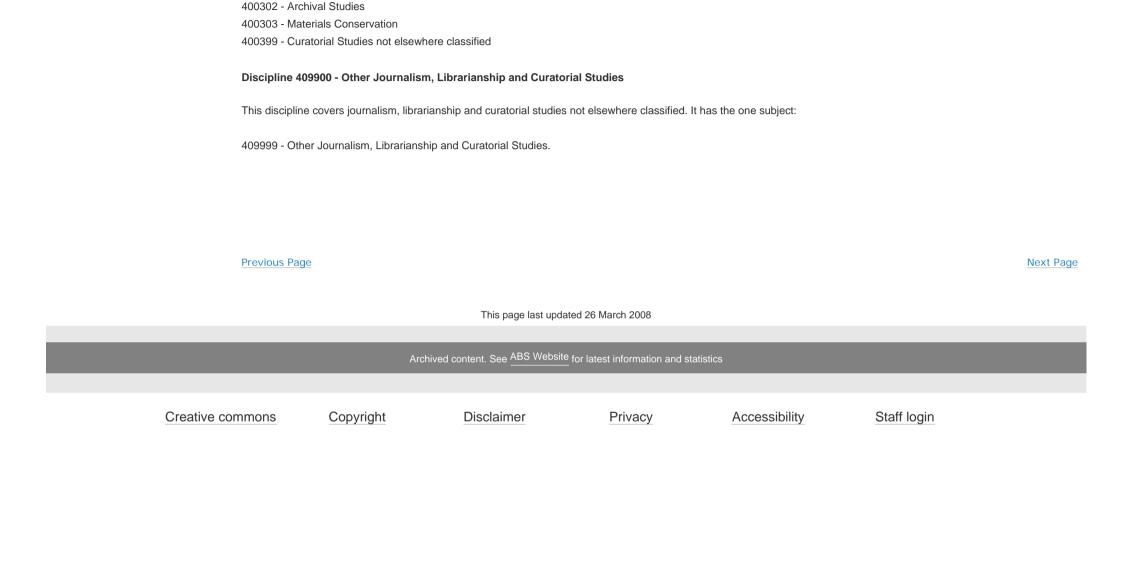
Communication technologies is included in Discipline 291700 Communications Technologies.

Discipline 400200 - Librarianship

This discipline covers librarianship. It has the one subject:

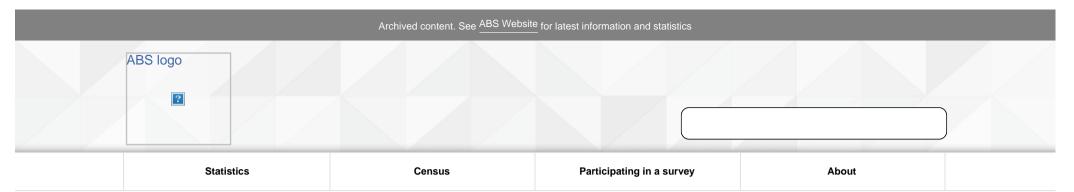
400201 - Librarianship.

Discipline 400300 - Curatorial Studies



This discipline covers museum studies, archival studies and other curatorial studies. This discipline has four subjects:

400301 - Museum Studies



Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Classification Structure - Division 410000 - The Arts

Discipline	Subject	
		Description
410100		
		Performing Arts
	410101	
		Music
	410102	
	440400	Drama, Theatre and Performance Studies
	410103	Dance
	410104	Dance
	410104	Indigenous Performing Arts
	410199	3
		Performing Arts not elsewhere classified
410200		
		Visual Arts and Crafts
	410201	
		Graphic Arts
	410202	

	410203	Fine Arts (incl. Sculpture and Painting)
		Photography
	410204	Crafts
	410299	Visual Arts and Crafts not elsewhere classified
410300		Cinema, Electronic Arts and Multimedia
	410301	Film and Video
	410302	Cinema Studies
	410303	Multimedia
	410304	Other Cinema and Electronic Arts
410400		Design Studies
	410401	Design Theory
	410402	Design Innovation
	410403	Design Studio Practice
	410404	
	410405	Design Management and Professional Practice
	410499	Design History and Cultural Theory
	419900	Design Studies not elsewhere classified
	419901	Other Arts
	419999	Art History and Appreciation
		The Arts not elsewhere classified

Definitions

Division 410000 - the Arts, covers the study of the arts, including music, fine arts and drama. It also includes study of the cinema, electronic arts and design studies. This division has five disciplines:

- 410200 Visual Arts and Crafts
- 410300 Cinema, Electronic Arts and Multimedia
- 410400 Design Studies
- 419900 Other Arts

Discipline 410100 - Performing Arts

This discipline covers the performing arts. This discipline has five subjects:

- 410101 Music
- 410102 Drama, Theatre and Performance Studies
- 410103 Dance
- 410104 Indigenous Performing Arts
- 410199 Performing Arts not elsewhere classified

Discipline 410200 - Visual Arts and Crafts

This discipline covers the visual arts and crafts. This discipline has five subjects:

- 410201 Graphic Arts
- 410202 Fine Arts (incl. Sculpture and Painting)
- 410203 Photography
- 410204 Crafts
- 410299 Visual Arts and Crafts not elsewhere classified

Discipline 410300 - Cinema, Electronic Arts and Multimedia

This discipline covers study of the cinema, electronic arts and multimedia. This discipline has four subjects:

- 410301 Film and Video
- 410302 Cinema Studies
- 410303 Multimedia
- 410304 Other Cinema and Electronic Arts

Exclusions:

- (a) Photography is included in Discipline 410200 Visual Arts and Crafts; and
- (b) screen and media culture is included in Discipline 420300 Cultural Studies.

Discipline 410400 - Design Studies

This discipline covers design studies, including related fields such as industrial arts and design and ergonomics. This discipline has six subjects:

410401 - Design Theory
410402 - Design Innovation
410403 - Design Studio Practice
410404 - Design Management and Professional Practice
410405 - Design History and Cultural Theory
410499 - Design Studies not elsewhere classified

Exclusions:

(a) Architecture is included in Discipline 310100 Architecture and Urban Environment; and
(b) fine arts is included in Discipline 410200 Visual Arts and Crafts.

Discipline 419900 - Other Arts

This discipline covers the arts not elsewhere classified. This discipline has two subjects:

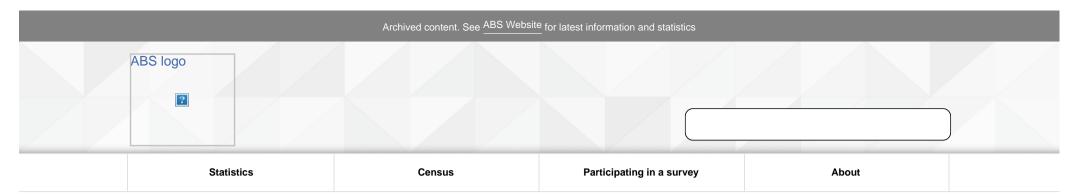
419901 - Art History and Appreciation

419999 - The Arts not elsewhere classified

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics Creative commons Copyright Disclaimer Privacy Accessibility Staff login



Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Classification Structure - Division 420000 - Language and Culture

Discipline Subject Description 420100 **Language Studies** 420101 English 420102 English as a Second Language 420103 Aboriginal Languages 420104 Latin 420105 Greek 420106 French 420107 German 420108

	420109	nanan
		Spanish
	420110	Russian
	420111	Nussian
	400440	Other European Languages
	420112	Chinese Languages
	420113	
	420114	Japanese
		Indonesian Languages
	420115	Malaysian Languages
	420116	maayoan Languagoo
	420117	Indian Languages
	420117	Korean
	420118	Vietnamana Languagas
	420119	Vietnamese Languages
	100100	Thai Languages
	420120	Other Asian Languages
	420121	Composative Longuege Chadies
	420122	Comparative Language Studies
	100100	Oracy and Oral Traditions
	420199	Language Studies not elsewhere classified
420200		Literatura Ottolica
	420201	Literature Studies
		British and Irish
	420202	Australian and New Zealand
	420203	
	420204	North American
		South American
	420205	Latin and Classical Greek
	420206	

Italian

French

Serman 420208 Italian 420209 Russian 420210 Other European 420211 Chinese 420212 Japanese 420213 Indonesian 420214 Indian 420215 Other Asian 420216 Comparative Literature Studies 420217		420207	Cormon
420209 Russian 420210 Other European 420211 Chinese 420212 Japanese 420213 Indonesian 420214 Indian 420215 Other Asian 420216 Comparative Literature Studies		420208	
420210 Other European 420211 Chinese 420212 Japanese 420213 Indonesian 420214 Indian 420215 Other Asian 420216 Comparative Literature Studies		420209	
420211 Chinese 420212 Japanese 420213 Indonesian 420214 Indian 420215 Other Asian 420216 Comparative Literature Studies		420210	Russian
Japanese 420213 Indonesian 420214 Indian 420215 Other Asian 420216 Comparative Literature Studies		420211	Other European
420213 Indonesian 420214 Indian 420215 Other Asian 420216 Comparative Literature Studies		420212	Chinese
Indonesian 420214 Indian 420215 Other Asian 420216 Comparative Literature Studies		420213	Japanese
Indian 420215 Other Asian 420216 Comparative Literature Studies			Indonesian
Other Asian 420216 Comparative Literature Studies			Indian
Comparative Literature Studies			Other Asian
420217		420216	Comparative Literature Studies
Textual Transmission and the Material Record		420217	Textual Transmission and the Material Record
420218 Literary Theory		420218	Literary Theory
420219 Stylistics		420219	Stylistics
420220 Folklore, Myth and Mythologies		420220	
420299 Literature Studies not elsewhere classified		420299	
420300 Cultural Studies	420300		
420301		420301	
Cultural Policy Studies 420302		420302	
Cultural Theory 420303		420303	
Culture, Gender, Sexuality 420304		420304	Culture, Gender, Sexuality
Screen and Media Culture 420305		420305	Screen and Media Culture
Aboriginal Cultural Studies 420306		420306	Aboriginal Cultural Studies
Postcolonial and Global Cultural Studies 420307			Postcolonial and Global Cultural Studies

Consumption and Everyday Life

Multicultural, Intercultural and Cross-cultural Studies

420399

420308

Cultural Studies not elsewhere classified

429900

Other Language and Culture

429999

Other Language and Culture

Definitions

Division 420000 - Language and Culture, covers language, literature and cultural studies. This division has four disciplines:

420100 - Language Studies

420200 - Literature Studies

420300 - Cultural Studies

429900 - Other Language and Culture

Exclusions:

Linguistics is included in Discipline 380200 Linguistics

Discipline 420100 - Language Studies

This discipline covers language studies. This discipline has twenty three subjects:

420101 - English

420102 - English as a Second Language

420103 - Aboriginal Languages

420104 - Latin

420105 - Greek

420106 - French

420107 - German

420108 - Italian

420109 - Spanish

420110 - Russian

420111 - Other European Languages

420112 - Chinese Languages

420113 - Japanese

420114 - Indonesian Languages

420115 - Malaysian Languages

420116 - Indian Languages

420117 - Korean

420118 - Vietnamese Languages

- 420119 Thai Languages
- 420120 Other Asian Languages
- 420121 Comparative Language Studies
- 420122 Oracy and Oral Traditions
- 420199 Language Studies not elsewhere classified

Exclusions:

Linguistics is included in Discipline 380200 Linguistics.

Discipline 420200 - Literature Studies

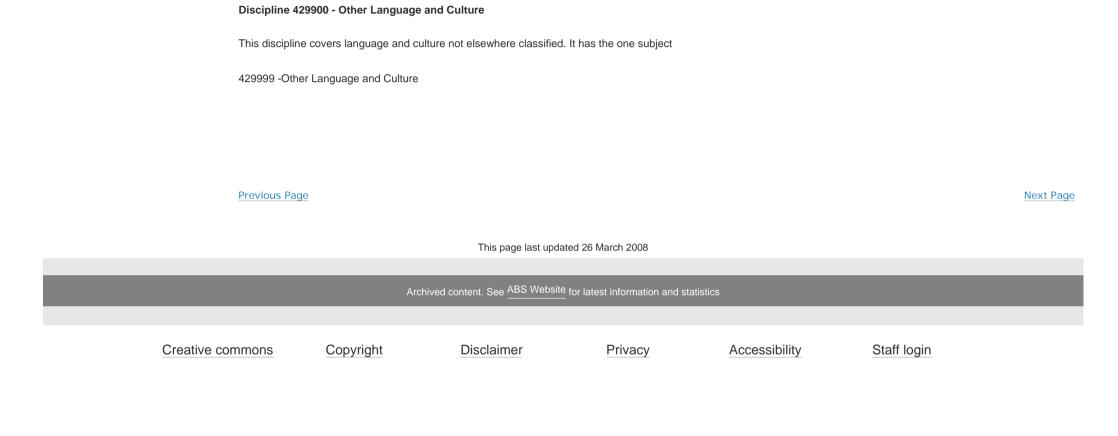
This discipline covers literature and literary studies. This discipline has twenty one subjects:

- 420201 British and Irish
- 420202 Australian and New Zealand
- 420203 North American
- 420204 South American
- 420205 Latin and Classical Greek
- 420206 French
- 420207 German
- 420208 Italian
- 420209 Russian
- 420210 Other European
- 420211 Chinese
- 420212 Japanese
- 420213 Indonesian
- 420214 Indian
- 420215 Other Asian
- 420216 Comparative Literature Studies
- 420217 Textual Transmission and the Material Record
- 420218 Literary Theory
- 420219 Stylistics
- 420220 Folklore, Myth and Mythologies
- 420299 Literature Studies not elsewhere classified

Discipline 420300 - Cultural Studies

This discipline covers cultural studies. This discipline has nine subjects:

- 420301 Cultural Policy Studies
- 420302 Cultural Theory
- 420303 Culture, Gender, Sexuality
- 420304 Screen and Media Culture

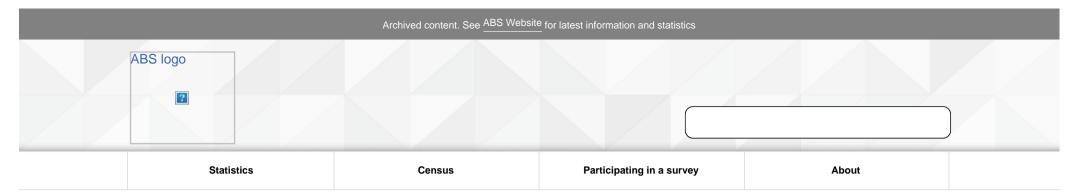


420305 - Aboriginal Cultural Studies

420306 - Postcolonial and Global Cultural Studies 420307 - Consumption and Everyday Life

420399 - Cultural Studies not elsewhere classified

420308 - Multicultural, Intercultural and Cross-cultural Studies



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Contents

Classification Structure - Division 430000 - History and Archaeology

Discipline	Subject	
		Description
430100		
		Historical Studies
	430101	
		History: Australian
	430102	
	100100	History: Asian
	430103	History: Pacific
	430104	HISTORY. FACILIC
	430104	History: North American
	430105	,
		History: Latin American
	430106	
		History: African
	430107	
		History: British
	430108	

	420400	History: European
	430109	History: Middle Eastern
	430110	History: Classical Greek and Roman
	430111	History: Other
	430112	Biography
	430199	Historical Studies not elsewhere classified
430200		Archaeology and Prehistory
	430201	Archaeology of Hunter-Gatherer Societies (incl. Pleistocene Archaeology)
	430202	Archaeology of Agricultural and Pastoral Societies
	430203	Archaeology of Complex Societies: Europe, the Mediterranean and the Levant
	430204	Archaeology of Complex Societies: Asia, Africa, Oceania and the Americas
	430205	Historical Archaeology (incl. Industrial Archaeology)
	430206	Maritime Archaeology
	430207	
	430299	Archaeological Science
439900		Archaeology and Prehistory not elsewhere classified
	439999	Other History and Archaeology
		Other History and Archaeology

Definitions

Division 430000 covers History and Archaeology. This division has three disciplines:

430100 - Historical Studies

430200 - Archaeology and Prehistory

439900 - Other History and Archaeology

Discipline 430100 - Historical Studies

This discipline covers the study of history and biography. This discipline has thirteen subjects:

- 430101 History: Australian
- 430102 History: Asian
- 430103 History: Pacific
- 430104 History: North American
- 430105 History: Latin American
- 430106 History: African
- 430107 History: British
- 430108 History: European
- 430109 History: Middle Eastern
- 430110 History: Classical Greek and Roman
- 430111 History: Other
- 430112 Biography
- 430199 Historical Studies not elsewhere classified

Exclusions:

- (a) The history of education is included in Discipline 330100 Education Studies;
- (b) the history of science and medicine is included in Discipline 370600 History and Philosophy of Science and Medicine;
- (c) the history of law and justice is included in Discipline 399900 Other Law, Justice and Law Enforcement; and
- (d) historical archaeology is included in Discipline 430200 Archaeology and Prehistory.

Discipline 430200 - Archaeology and Prehistory

This discipline covers archaeology and prehistory. This discipline has eight subjects:

- 430201 Archaeology of Hunter-Gatherer Societies (incl. Pleistocene Archaeology)
- 430202 Archaeology of Agricultural and Pastoral Societies
- 430203 Archaeology of Complex Societies: Europe, the Mediterranean and the Levant
- 430204 Archaeology of Complex Societies: Asia, Africa, Oceania and the Americas
- 430205 Historical Archaeology (incl. Industrial Archaeology)
- 430206 Maritime Archaeology
- 430207 Archaeological Science
- 430299 Archaeology and Prehistory not elsewhere classified

Discipline 439900 - Other History and Archaeology

This discipline covers history and archaeology not elsewhere classified. It has the one subject:

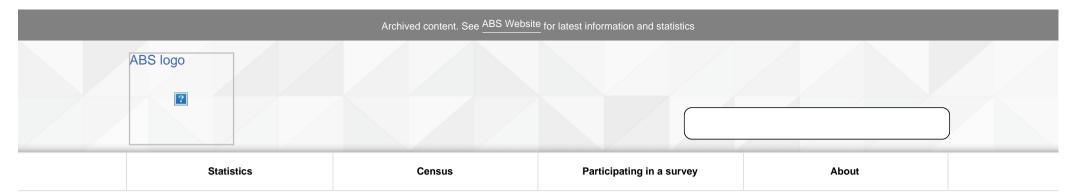
439999 - Other History and Archaeology

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Classification Structure - Division 440000 - Philosophy and Religion

Discipline Subject Description 440100 Philosophy 440101 Aesthetics 440102 Epistemology 440103 **Ethical Theory** 440104 Applied Ethics (incl. Bioethics and Environmental Ethics) 440105 History of Philosophy and History of Ideas 440106 Logic 440107 Metaphysics 440108

	440208	Religion and Society
	440207	Studies in Other Religious Traditions
	440206	Islamic Studies
	440204 440205	Christian Theology (incl. Biblical Studies and Church History)
	440203	Jewish Studies
	440202	Buddhist Studies
	440201	Hindu Studies
440200		Religion and Religious Traditions
	440199	Philosophy of Specific Cultures (e.g. Ancient Greek, Chinese) Philosophy not elsewhere classified
	440115	Philosophy of Action
	440114	Comparative Philosophy
	440113	Hermeneutic Theory
	440111 440112	Phenomenology
	440110	Social Philosophy
	440109	Philosophy of Mind (excl. Cognition)
		Philosophy of Language

Definitions

Division 440000 covers Philosophy and Religion. This division has three disciplines:

440100 - Philosophy

440200 - Religion and Religious Traditions

449900 - Other Philosophy and Religion

Discipline 440100 - Philosophy

This discipline covers philosophy. This discipline has sixteen subjects:

440101 - Aesthetics

440102 - Epistemology

440103 - Ethical Theory

440104 - Applied Ethics (incl. Bioethics and Environmental Ethics)

440105 - History of Philosophy and History of Ideas

440106 - Logic

440107 - Metaphysics

440108 - Philosophy of Language

440109 - Philosophy of Mind (excl. Cognition)

440110 - Social Philosophy

440111 - Phenomenology

440112 - Hermeneutic Theory

440113 - Comparative Philosophy

440114 - Philosophy of Action

440115 - Philosophy of Specific Cultures (e.g. Ancient Greek, Chinese)

440199 - Philosophy not elsewhere classified

Exclusions:

- (a) Mathematical logic is included in Discipline 230100 Mathematics;
- (b) human bioethics is included in Discipline 321200 Public Health and Health Services;
- (c) political philosophy is included in Discipline 360100 Political Science;
- (d) the philosophy of cognition is included in Discipline 380300 Cognitive Science;
- (e) the philosophy of science and medicine is included in Discipline 390600 History and Philosophy of Science and Medicine;
- (f) the philosophy of law and justice is included in Discipline 399900 Other Law, Justice and Law Enforcement; and
- (g) the philosophy of religion is included in Discipline 440200 Religion and Religious Traditions.

Discipline 440200 - Religion and Religious Traditions

This discipline covers the study of religion. It includes theology, comparative religion and the philosophy of religion. This discipline has ten subjects:

440201 - Hindu Studies

440202 - Buddhist Studies

440203 - Jewish Studies

440204 - Christian Theology (incl. Biblical Studies and Church History)

440205 - Islamic Studies

440206 - Studies in Other Religious Traditions

440207 - Religion and Society

440208 - Psychology of Religion

440209 - Philosophy of Religion

440299 - Religion and Religious Traditions not elsewhere classified

Exclusions:

- (a) Language studies are included in Discipline 420100 Language Studies; and
- (b) folklore, myth and mythologies are included in Discipline 420200 Literature Studies.

Discipline 449900 - Other Philosophy and Religion

This discipline covers philosophy and religion not elsewhere classified. It has the one subject

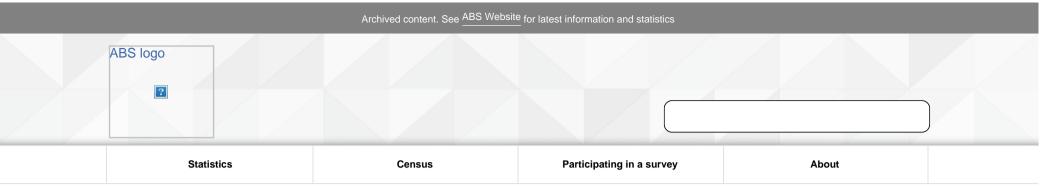
449999 - Other Philosophy and Religion.

Previous Page Next Page

This page last updated 26 March 2008

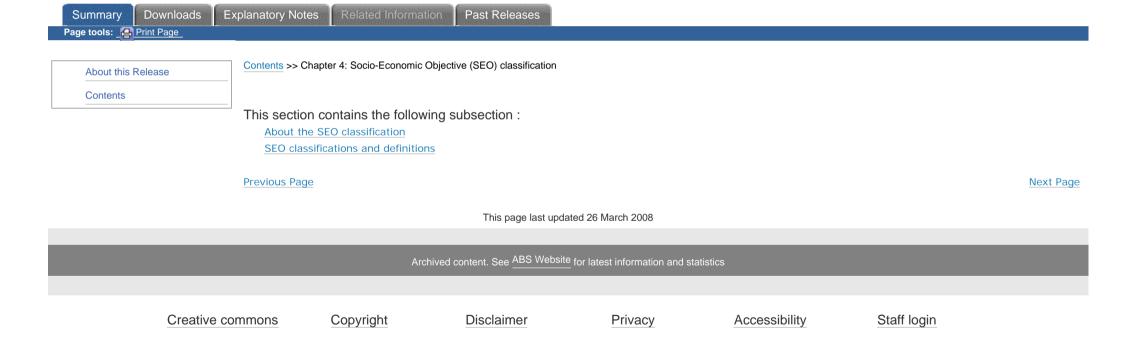
Archived content. See ABS Website for latest information and statistics

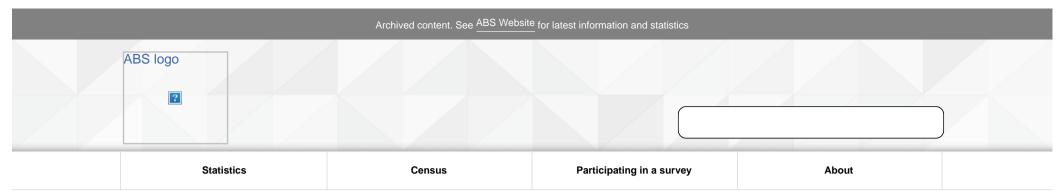
Creative commons Copyright Disclaimer Privacy Accessibility Staff login



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998





1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



About this Release Contents

Contents >> Chapter 4: Socio-Economic Objective (SEO) classification >> About the SEO classification

Nature and purpose of the SEO classification

- 1. The SEO Classification allows R&D data to be classified according to the researcher's perceived purpose. The purpose categories take account of processes, products, health, education and other social and environmental aspects of particular interest.
- 2. A purpose classification such as the SEO provides a set of categories which collectively exhaust all the objectives of research. In this respect, the scope of the SEO is more extensive than a classification of economic activities such as the Australian and New Zealand Standard Industrial Classification (ANZSIC), because not all R&D has an economic motive or context.

Structure of the SEO classification

- 3. The SEO Classification is arranged in a hierarchical structure. It has 5 divisions, 18 subdivisions, 107 groups and 594 classes.
- 4. The divisions and subdivisions are:

Division 1 - Defence

Subdivision 610000 Defence

Division 2 - Economic Development

Plant Production and Plant Primary Products Subdivision 620000

Subdivision 630000 Animal Production and Animal Primary Products

Subdivision 640000 Mineral Resources (Excl. Energy)

Subdivision 650000 Energy Resources
Subdivision 660000 Energy Supply
Subdivision 670000 Manufacturing
Subdivision 680000 Construction
Subdivision 690000 Transport

Subdivision 700000 Information and Communication Services

Subdivision 710000 Commercial Services and Tourism

Subdivision 720000 Economic Framework

Division 3 - Society

Subdivision 730000 Health

Subdivision 740000 Education and Training

Subdivision 750000 Social Development and Community Services

Division 4 - Environment

Subdivision 760000 Environmental Policy Frameworks and other aspects

Subdivision 770000 Environmental Management

Division 5 - Non-Oriented Research

Subdivision 780000 Non-Oriented Research

- 5. Subdivisions, groups and classes are all assigned six-digit codes. Subdivisions are uniquely identified by the first two digits and the remainder of the code is zero filled. Groups are uniquely identified by the first four digits and the remainder of the code is zero filled. Classes have unique six-digit codes.
- 6. There are ninety-nine possible categories at the subdivision, group and class levels to allow for future expansion of the classification. The divisions are not reflected in the code system at the subdivision or finer levels.

Guidelines for classifying R&D by SEO

- 7. The following general procedures are aimed to ensure consistent and successful classification of R&D data.
- 8. A Research Project is to be allocated to a class in a hierarchical manner. This is achieved by first determining the SEO division in which the research is being performed, then the most relevant subdivision within that division, then the most relevant group within that subdivision, and finally by selecting the relevant class within a chosen group.
- 9. It is vital to firstly identify the higher level classifications for the Research Project as some classes, although within different groups, have identical class titles.
- 10. In general, a Research Project is to be classified to one class only. There are cases however where a large Research Project is directed towards more than one socio-economic objective. In such cases, the aim should be to allocate R&D resources on a proportional basis.

11. Where a defined class cannot be identified within a group for a Research Project, the 'Other' or 'n.e.c.' category at the class level is to be used.

Relationship between the SEO classification and the ANZSIC

- 12. In studying industry performance, it is possible to compare trends in industry with the levels of R&D directed towards particular industries. ABS statistics have been compiled according to the Australian and New Zealand Standard Industrial Classification (ANZSIC).
- 13. A broad comparison with the ANZSIC categories is shown below.

SEO	ANZSIC			
Defence	Subdivision 82 - Defence			
Economic Development	Division A - Agriculture, Forestry, Fishing and Hunting			
	Division B - Mining			
	Division C - Manufacturing			
	Division D - Electricity, Gas and Water Supply			
	Division E - Construction			
	Division F - Wholesale Trade			
	Division G - Retail Trade			
	Division H - Accommodation, Cafes and Restaurants			
	Division I - Transport and Storage			
	Division J - Communication Services			
	Division K - Finance and Insurance			
	Division L - Property and Business Services			
Society	Subdivision 81 - Government Administration			
	Division N - Education			
	Division O - Health and Community Services			
	Division P - Cultural and Recreational Services			
	Subdivision 96 - Other Services			
Environment	n.a.			
Non-Oriented Research	n.a.			

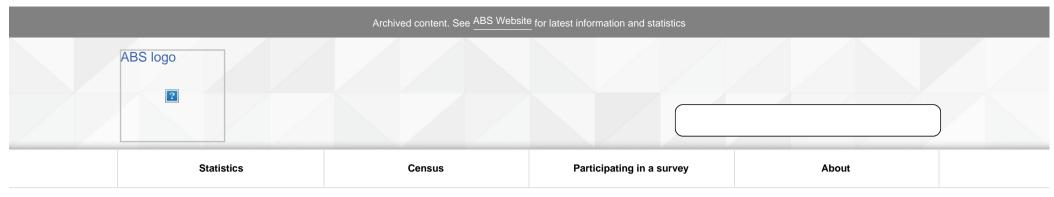
- 14. The ANZSIC is a classification of industries. Business units reporting data to a range of ABS censuses and surveys are classified to the ANZSIC on the basis of their predominant economic activity (e.g. what they do to generate income). Normally income is generated through the sale of goods and services produced by the business or bought in from other businesses. An industry as represented in ABS statistics is made up of businesses which are classified to it in accordance with the ANZSIC.
- 15. When comparing R&D data classified by the SEO with industrial statistics based on the ANZSIC, there are some important considerations

to be noted:

- Classifying to an SEO category is subjective, i.e. the category is chosen by the data provider to indicate the main purpose of R&D. Classifying a business to an industry is generally derived objectively through information about its main income generating activity.
- SEO categories do not always correspond with ANZSIC categories on a one to one basis and do not also necessarily correspond with identifiable target industries. For example where the environment is the main potential beneficiary of the R&D, there is no set of business units equivalent and therefore no ANZSIC class is applicable.
- Some SEO categories are too broad and cannot be correlated to ANZSIC industries. For example, R&D towards improving road safety has potential benefits to a wide range of industries, community services and individuals. There would be some effect on businesses within the transport industry, but this may be incidental to attempts at generally reducing the burden on emergency services, medical services, insurance services, disability services, police services, legal services, etc.
- The nature of R&D is such that there may be no observable effect on ABS industry level statistics, or at least the effect may be difficult to assess. The positive effects of R&D may be concealed at the aggregate industry level because of variation, for a variety of reasons, in data from establishments in the same industry. Additionally, in particular instances, R&D may not lead to initiatives which proceed beyond the test environment.

Previous Page Next Page

This page last updated 26 March 2008						
Archived content. See ABS Website for latest information and statistics						
Creative commons	Copyright	Disclaimer	Privacy	Accessibility	Staff login	



1297.0 - Australian Standard Research Classification (ASRC), 1998

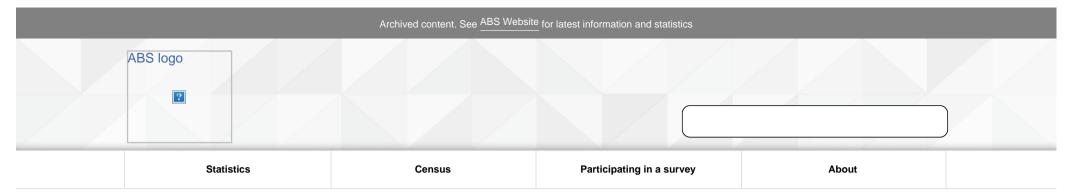
ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Previous Page Next Page

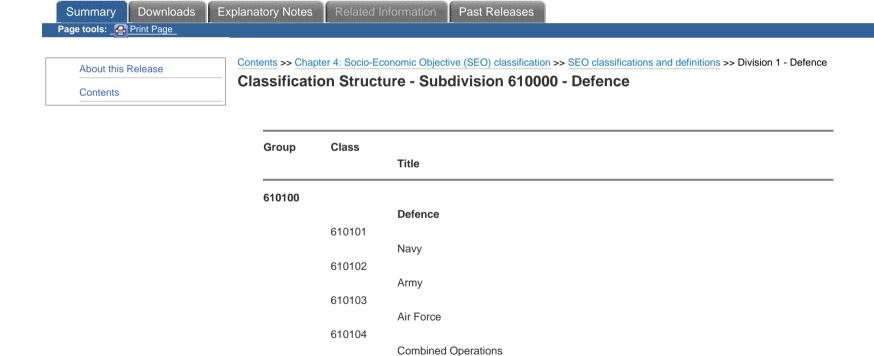
This page last updated 26 March 2008





1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998

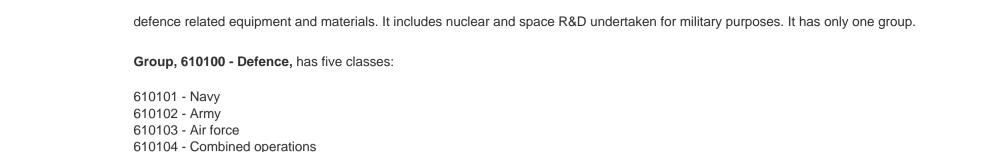


Definitions

610199

Other

Division 1 - Defence, covers R&D directed towards the development of defence or national security, including R&D undertaken for military reasons regardless of their content or whether they have secondary civil applications; and towards the development and testing of military or



Exclusions:

610199 - Other

R&D directed towards:

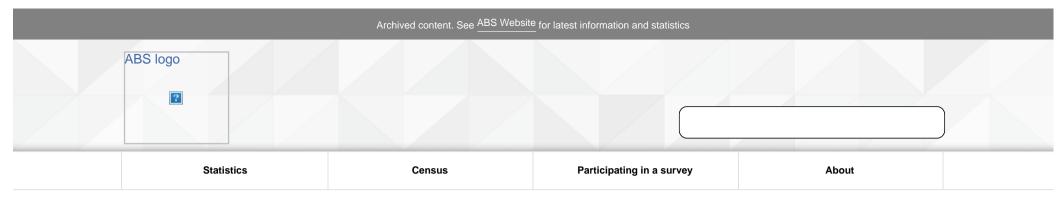
- (a) improving the methods of producing or processing military or defence related equipment and materials is included in the appropriate groups in Division 2 Economic Development, e.g. military transport equipment is included in Group 671100 Transport Equipment;
- (b) the development of measurement standards and calibration for defence related products and processes is also included in Division 2 Economic Development, Subdivision 720000 Economic Framework, Group 720500 Measurement Standards and Calibration Services; and
- (c) civil oriented projects although funded by defence agencies is included in the appropriate groups in other divisions, e.g. communication is included in Subdivision 700000 Information and Communication Services, Group 700300 Communication Services.

Previous Page

Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics								
	Creative commons	Copyright	Disclaimer	Privacy	Accessibility	Staff login		



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



About this Release

Contents

Contents >> Chapter 4: Socio-Economic Objective (SEO) classification >> SEO classifications and definitions >> Division 2 - Economic Development (Introduction)

Division 2 - Economic Development, covers R&D directed towards the various areas of economic development. Such R&D is undertaken in support of plant and animal production, developing mineral and energy resources, energy provision or supply and the development of manufacturing industry, construction industry and transportation systems (incl. safety), the provision of information and communication, the provision of commercial services to all areas of economic development and the contribution to understanding the economic framework within which development takes place.

R&D directed towards improving the methods of producing or processing military or defence materials and equipment is included in this division.

It includes R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes or towards protection of the production site (e.g. sustainability of agricultural production systems). This division has eleven subdivisions:

620000 - Plant Production and Plant Primary Products

630000 - Animal Production and Animal Primary Products

640000 - Mineral Resources (Excl. Energy)

650000 - Energy Resources

660000 - Energy Supply

670000 - Manufacturing

680000 -Construction

690000 - Transport

700000 - Information and Communication Services

710000 - Commercial Services and Tourism

Exclusions:

R&D directed towards the development and testing of military or defence related equipment and materials is included in Division 1 - Defence.

Full details of the classification structure and definitions for each subdivision follow this document.

This section contains the following subsection:

620000 - Plant Production and Plant Primary Products

630000 - Animal Production and Animal Primary Products

640000 - Mineral Resources (Excl. Energy)

650000 - Energy Resources

660000 - Energy Supply

670000 - Manufacturing

680000 - Construction

690000 - Transport

700000 - Information and Communication Services

710000 - Commercial Services and Tourism

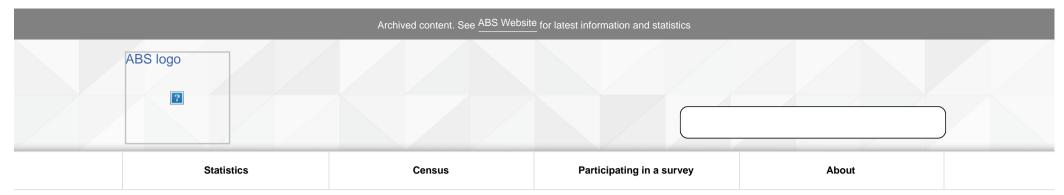
720000 - Economic Framework

<u>Previous Page</u> <u>Next Page</u>

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



(See Division 2, Introduction for more information)

Group	Class	
		Title
620100		
		Field Crops
	620101	
	000400	Wheat
	620102	Barley
	620103	balley
	0=0.00	Rice
	620104	
		Other cereals
	620105	
		Oilseeds
	620106	Sugar
		Sugar

	620107	Cotton
	620108	
	620199	Grain legumes
620200		Field crops not elsewhere classified
020200		Horticultural Crops
	620201	Stone fruit
	620202	Pome fruit
	620203	Pome muit
	620204	Citrus
		Grapes
	620205	Tropical fruit
	620206	Berry fruit
	620207	
	620208	Tree nuts
	620209	Vegetables
		Ornamentals, Australian natives and nursery plants
	620299	Horticultural crops not elsewhere classified
620300		Forestry
	620301	
	620302	Native forests
	620303	Softwood plantations
	020303	Hardwood plantations
	620304	Harvesting and transport of forest products
	620305	
	620399	Integration of farm and forestry
620400		Forestry not elsewhere classified
	000.45.4	Primary Products from Plants
	620401	

		Fresh fruit and vegetables (post harvest)
	620402	Unprocessed cereals
	620403	
	620404	Tobacco leaf
		Cotton lint and cotton seed
	620499	Primary plant products not elsewhere classified
620500		Sustainable Plant Production Systems
	620501	Field grope
	620502	Field crops
	620503	Horticultural crops
	020303	Forestry
	620504	Primary products from plants
		i finally products from plants

Definitions

Subdivision 620000 - Plant Production and Plant Primary Products, covers R&D directed towards improving the characteristics, propagation and growing of field and horticultural crops, native forest, hardwood and softwood plantations; and the production of associated primary plant products.

This subdivision also includes R&D directed towards improving the post-harvest processing, preparation, handling, storage and marketing of primary plant products and R&D directed towards developing sustainable plant production systems. This subdivision has five groups:

620100 - Field Crops

620200 - Horticultural Crops

620300 - Forestry

620400 - Primary Products from Plants

620500 - Sustainable Plant Production Systems

Exclusions:

R&D directed towards the manufacture of processed plant products and their primary products is included in Subdivision 670000 Manufacturing.

Group 620100 - Field Crops

This group covers R&D directed towards improving the characteristics and growing of wheat, barley, coarse grains, rice, oilseeds and grain legumes, sugar, cotton or other field crops.

This group includes R&D directed towards harvesting field crops. This group has nine classes: 620101 - Wheat 620102 - Barley 620103 - Rice 620104 - Other cereals 620105 - Oilseeds 620106 - Sugar 620107 - Cotton 620108 - Grain legumes 620199 - Field crops not elsewhere classified **Exclusions:** R&D directed towards: (a) transportation, storage and marketing of primary products from field crops is included in Group 620400 Primary Products from Plants; (b) environmental management aspects of growing field crops is included in Group 620500 Sustainable Plant Production Systems; (c) growing, harvesting and storage of pasture, browse or fodder crops is included in Group 630200 Pasture, Browse and Fodder Crops; and (d) manufacture of processed products from field crops is included in either Group 670100 Processed Food Products and Beverages, Group 670200 Fibre Processing and Textiles; Footwear and Leather Products or Group 671600 Other Manufactured Products. **Group 620200 - Horticultural Crops** This group covers R&D directed towards improving the characteristics, propagation and growing of stone and pome fruit, citrus, grapes, tropical and berry fruit, tree nuts, vegetables, ornamentals, Australian native plants, nursery plants and other horticultural crops. This group includes R&D directed towards harvesting horticultural crops. This group has ten classes:

620201 - Stone fruit

620202 - Pome fruit

620203 - Citrus

620204 - Grapes

620205 - Tropical fruit

620206 - Berry fruit

620207 - Tree nuts

620208 - Vegetables

620209 - Ornamentals, Australian natives and nursery plants

620299 - Horticultural crops not elsewhere classified

Exclusions:

R&D directed towards:

(a) transportation, storage and marketing of primary horticultural products, including post-harvest handling of fresh fruit and vegetables and other horticultural crops is included in Group 620400 Primary Products from Plants;

(b) environmental management aspects of growing horticultural crops is included in Group 620500 Sustainable Plant Production Systems; and

(c) manufacture of processed products from horticultural crops is included in either Group 670100 Processed Food Products and Beverages or Group 671600 Other Manufactured Products.

Group 620300 - Forestry

This group covers R&D directed towards improving the operation, maintenance and protection (incl. forest fire-fighting and control) of native forests, softwood or hardwood plantations.

This group includes R&D directed towards the harvesting or transportation of wood and other forest products from forests and plantations and towards the integration of farm and forestry. This group has six classes:

620301 - Native forests

620302 - Softwood plantations

620303 - Hardwood plantations

620304 - Harvesting and transport of forest products

620305 - Integration of farm and forestry

620399 - Forestry not elsewhere classified

Exclusions:

R&D directed towards:

(a) environmental management aspects of growing native or plantation forests (incl. native and exotic species not intended for timber or paper production) is included in Group 620500 Sustainable Plant Production Systems; and

(b) processing or manufacture of wood, wood and paper products is included in either Group 670300 Wood, Wood Products and Paper or Group 671600 Other Manufactured Products.

Group 620400 - Primary Products from Plants

This group covers R&D directed towards improving post-harvest processing or handling (incl. transportation, storage and marketing) of fresh fruit or vegetables, unprocessed cereals, tobacco leaf, cotton lint, cotton seed and other primary plant products. This group has five classes:

620401 - Fresh fruit and vegetables (post harvest)

620402 - Unprocessed cereals

620403 - Tobacco leaf

620404 - Cotton lint and cotton seed

620499 - Primary plant products not elsewhere classified

Exclusions:

R&D directed towards:

(a) environmental management aspects of preparing or producing primary plant products is included in Group 620500 Sustainable Plant Production Systems;

(b) manufacture of processed products from primary plant products is included in either Group 670100 Processed Food Products and Beverages or Group 670200 Fibre Processing and Textiles; Footwear and Leather Products; and

(c) manufacture of tobacco products is included in Class 671601 Tobacco products.

Group 620500 - Sustainable Plant Production Systems

This group covers R&D directed towards developing sustainable plant production systems. It includes research into soils, water usage and pests if the prime purpose of the research is field crops, horticultural crops, forestry and primary products from plants which are more environmentally and economically sustainable. This group has four classes:

620501 - Field crops

620502 - Horticultural crops

620503 - Forestry

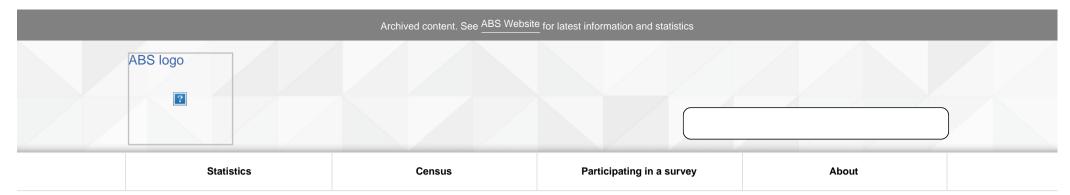
620504 - Primary products from plants

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



> By Release Date

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



(See Division 2, Introduction for more information)

Group	Class	
Огоцр	Olabo	Title
630100		
		Livestock
	630101	
		Sheep - meat
	630102	
		Sheep - wool
	630103	
		Beef cattle
	630104	Daim, antila
	620405	Dairy cattle
	630105	Pigs
	630106	i igs
	030100	Poultry
	630107	. Sainty
	000107	

	630199	Minor livestock (e.g. horses, goats, deer)
	000100	Livestock not elsewhere classified
630200		Pasture, Browse and Fodder Crops
	630201	Sown legumes
	630202	Sown grasses
	630203	
	630204	Browse crops
	630205	Fodder crops
	630299	Native vegetation
020200	000200	Other
630300		Fish
	630301	Fisheries - commercial
	630302	Fisheries - recreational
	630303	
	630399	Aquaculture
630400		Fish not elsewhere classified
	630401	Primary Products from Animals
		Minimally processed fish
	630402	Minimally processed milk
	630403	Raw wool
	630404	Hides and skins
	630499	
630500		Primary animal products not elsewhere classified
	630501	Sustainable Animal Production Systems
		Livestock
	630502	Pasture, browse and fodder crops

630503

Fish

630504

Primary products from animals

Definitions

Subdivision 630000 - Animal Production and Animal Primary Products covers R&D directed towards breeding and farming livestock and the production of associated primary livestock products.

This subdivision includes R&D directed towards growing pasture, browse and fodder crops; commercial (incl. aquaculture) and recreational fishing; the preparation, transportation and storage of primary livestock products such as unprocessed milk and raw wool and developing sustainable animal production systems. This subdivision has five groups:

630100 - Livestock

630200 - Pasture, Browse and Fodder Crops

630300 - Fish

630400 - Primary Products from Animals

630500 - Sustainable Animal Production Systems

Exclusions:

R&D directed towards the manufacture of processed animal products (incl. fish) and their primary products is included in the appropriate groups in Subdivision 670000 Manufacturing.

Group 630100 - Livestock

This group covers R&D directed towards farming or breeding livestock including sheep for meat or wool, beef and dairy cattle, horses, pigs, poultry, deer, goats and other livestock (incl. beekeeping, pet breeding) not elsewhere classified. This group has eight classes:

630101 - Sheep - meat

630102 - Sheep - wool

630103 - Beef cattle

630104 - Dairy cattle

630105 - Pigs

630106 - Poultry

630107 - Minor livestock (e.g. horses, goats, deer)

630199 - Livestock not elsewhere classified

Exclusions:

- (a) preparation, transportation, storage and marketing of primary livestock products, e.g. unprocessed milk, raw wool, raw hides and skins, is included in Group 630400 Primary Products from Animals;
- (b) environmental management aspects of livestock farming and preparation of livestock products is included in Group 630500 Sustainable Animal Production Systems; and
- (c) manufacture of processed livestock products, e.g. processed milk and processed skins, is included in either Group 670100 Processed Food Products and Beverages, Group 670200 Fibre Processing and Textiles; Footwear and Leather Products or Group 671600 Other Manufactured Products.

Group 630200 - Pasture, Browse and Fodder Crops

This group covers R&D directed towards growing sown legumes, sown grasses, browse and fodder crops, native vegetation and any other pasture crops.

This group includes R&D directed towards harvesting, preparation and storage of pasture, browse and fodder crops. This group has six classes:

630201 - Sown legumes

630202 - Sown grasses

630203 - Browse crops

630204 - Fodder crops

630205 - Native vegetation

630299 - Other

Exclusions:

R&D directed towards:

- (a) growing field crops is included in Group 620100 Field Crops;
- (b) propagating and growing horticultural crops is included in Group 620200 Horticultural Crops; and
- (c) the environmental management aspects of growing pasture and fodder crops is included in Group 630500 Sustainable Animal Production Systems.

Group 630300 - Fish

This group covers R&D directed towards commercial and recreational fishing. This includes R&D directed towards fishing wild prawns, rock lobsters, and other marine species in the ocean, coastal and estuarine waters.

This group also includes R&D directed towards aquaculture or fish farming (incl. breeding or harvesting fish, crustaceans, oyster and other molluscs) in a controlled environment. This group has four classes:

630301 - Fisheries - commercial

630302 - Fisheries - recreational

630303 - Aquaculture

630399 - Fish not elsewhere classified

Exclusions:

R&D directed towards:

- (a) preparation, transport, storage and marketing of minimally processed fish is included in Group 630400 Primary Products from Animals;
- (b) environmental management aspects of fishing is included in Group 630500 Sustainable Animal Production Systems; and
- (c) manufacture of processed fish products is included in either Group 670100 Processed Food Products and Beverages or Group 671600 Other Manufactured Products.

Group 630400 - Primary Products from Animals

This group covers R&D directed towards improving the preparation or handling (incl. transportation, storage and marketing) of primary livestock products such as minimally processed fish, unprocessed milk, raw wool and other animal fibres, hides and skins. This group has five classes:

630401 - Minimally processed fish

630402 - Minimally processed milk

630403 - Raw wool

630404 - Hides and skins

630499 - Primary animal products not elsewhere classified

Exclusions:

R&D directed towards:

- (a) environmental management aspects of preparing or producing primary livestock products is included in Group 630500 Sustainable Animal Production Systems; and
- (b) manufacture of processed products from primary livestock products is included in either Group 670100 Processed Food Products and Beverages, Group 670200 Fibre Processing and Textiles; Footwear and Leather Products or Group 671600 Other Manufactured Products.

Group 630500 - Sustainable Animal Production Systems

This group covers R&D directed towards developing sustainable animal production systems. It includes research into pastures, water usage and pests if the prime purpose of the research is livestock, pasture crops, fish and primary products from animals which are more environmentally and economically sustainable. This group has four classes:

630501 - Livestock

630502 - Pasture, browse and fodder crops

630503 - Fish

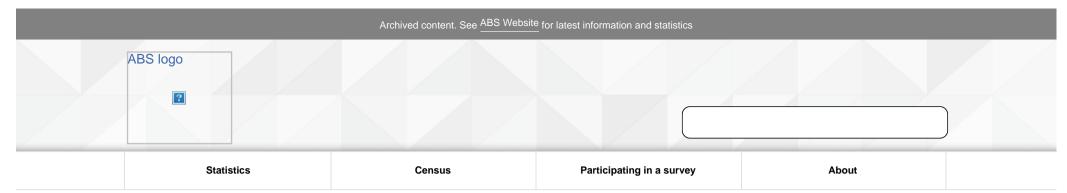
630504 - Primary products from animals

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and s
--

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



> By Release Date

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



(See Division 2, Introduction for more information)

Group	Class	
		Title
640100		
		Exploration
	640101	
		Iron ores (i.e. ferrous ores)
	640102	
		Aluminium ores
	640103	
		Precious (noble) metal ores
	640104	
		Titanium minerals, zircon, and rare earth metal ores (e.g. monazite)
	640105	
	0.404.00	Other non-ferrous ores (e.g. copper, zinc)
	640106	Change and also
	040400	Stone and clay
	640199	

0.40000		Other non-metallic minerals (incl. diamonds)
640200		Primary Mining and Extraction Processes
	640201	Iron orga (i.a. farroug area)
	640202	Iron ores (i.e. ferrous ores)
	640203	Aluminium ores
	040203	Precious (noble) metal ores
	640204	Titanium minerals, zircon, and rare earth metal ores (e.g. monazite)
	640205	manium minerais, zireon, and rare earth metal ores (e.g. monazite)
	640206	Other non-ferrous ores (e.g. copper, zinc)
	0.10200	Stone and clay
	640299	Other non-metallic minerals (incl. diamonds)
640300		
	640301	First Stage Treatment of Ores and Minerals
		Beneficiation or dressing of iron ores
	640302	Alumina production
	640303	Other beneficiation of bauxite and aluminium ores
	640304	Other beneficiation of bauxile and aluminium ores
	640305	Concentrating processes of other base metal ores
	040303	Production of unrefined precious metal ingots and concentrates
	640306	Beneficiation or dressing of non-metallic minerals (incl. diamonds)
	640399	
640400		Other
		Prevention and Treatment of Pollution
	640401	Exploration
	640402	
	640403	Primary mining and extraction processes
		First stage treatment of ores and minerals

Subdivision 640000 - Mineral Resources (Excl. Energy), covers R&D which primarily benefits or has application to the exploration, mining, extraction and processing of mineral resources. It includes R&D directed towards 'clean production' to minimise emissions to the environment from the exploration, mining, extraction and processing of mineral resources (excl. energy) or towards protection of the production site. This subdivision has four groups:

640100 - Exploration

640200 - Primary Mining and Extraction Processes

640300 - First Stage Treatment of Ores and Minerals

640400 - Prevention and Treatment of Pollution

Exclusions:

R&D directed towards:

- (a) production of energy mineral resources is included in Subdivision 650000 Energy Resources; and
- (b) manufacture of processed products from mineral resources (incl. refining and smelting) is included in Subdivision 670000 Manufacturing.

Group 640100 - Exploration

This group covers R&D directed towards exploration for minerals including iron ore, other base metals, bauxite and other non-ferrous metal ores, precious metal ores, diamonds and other precious and semi-precious stones, heavy mineral sands, stone, clay and other mineral and metal ores. This group has seven classes:

640101 - Iron ores (i.e. ferrous ores)

640102 - Aluminium ores

640103 - Precious (noble) metal ores

640104 - Titanium minerals, zircon, and rare earth metal ores (e.g. monazite)

640105 - Other non-ferrous ores (e.g. copper, zinc)

640106 - Stone and clay

640199 - Other non-metallic minerals (incl. diamonds)

Exclusions:

R&D directed towards:

- (a) 'clean production' to minimise emissions to the environment from the exploration for mineral resources (excl. energy) or towards protection of the exploration site is included in Group 640400 Prevention and Treatment of Pollution; and
- (b) exploration for energy minerals resources is included in Group 650100 Exploration.

Group 640200 - Primary Mining and Extraction Processes

This group covers R&D directed towards mining and extracting iron ore, other base metals, bauxite and other non-ferrous metal ores, precious metal ores, diamonds and other precious and semi-precious stones, heavy mineral sands, stone, clay and other mineral and metal ores. This group has seven classes:

640201 - Iron ores (i.e. ferrous ores)

640202 - Aluminium ores

640203 - Precious (noble) metal ores

640204 - Titanium minerals, zircon, and rare earth metal ores (e.g. monazite)

640205 - Other non-ferrous ores (e.g. copper, zinc)

640206 - Stone and clay

640299 - Other non-metallic minerals (incl. diamonds)

Exclusions:

R&D directed towards:

(a) 'clean production' to minimise emissions to the environment from the mining and extraction of mineral resources (excl. energy) or towards protection of the production site is included in Group 640400 Prevention and Treatment of Pollution; and

(b) mining and extracting energy mineral resources is included in Group 650200 Mining and Extraction.

Group 640300 - First Stage Treatment of Ores and Minerals

This group covers R&D directed towards processing minerals, including beneficiated iron ore, other base metal intermediates, alumina and other non-ferrous metal intermediates, precious metals, heavy mineral sands and other mineral and metal ore intermediate products and processing diamonds and other precious and semi-precious stones prior to the cut gem stage. This group has seven classes:

640301 - Beneficiation or dressing of iron ores

640302 - Alumina production

640303 - Other beneficiation of bauxite and aluminium ores

640304 - Concentrating processes of other base metal ores

640305 - Production of unrefined precious metal ingots and concentrates

640306 - Beneficiation or dressing of non-metallic minerals (incl. diamonds)

640399 - Other

Exclusions:

R&D directed towards:

(a) 'clean production' to minimise emissions to the environment from the processing of mineral resources (excl. energy) or towards protection of the production site is included in Group 640400 Prevention and Treatment of Pollution;

(b) preparation and supply of energy mineral resources is included in Group 650300 Preparation and Supply of Energy Source Minerals; and

(c) manufacture of processed mineral products (incl. refining and smelting) is included in Group 670800 Basic Metal Products (Incl. Smelting).

Group 640400 - Prevention and Treatment of Pollution													
	D0D !!												

This group covers R&D directed towards 'clean production' to minimise emissions to the environment from the exploration, mining, extraction and processing of mineral resources (excl. energy) or towards protection of the production site. This group has three classes:

640401 - Exploration

640402 - Primary mining and extraction processes

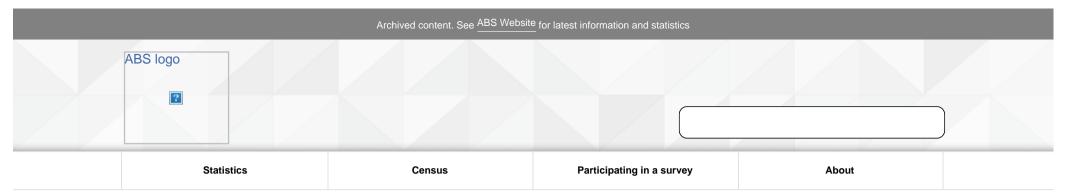
640403 - First stage treatment of ores and minerals

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



> By Release Date

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



(See Division 2, Introduction for more information)

Group	Class	
		Title
650100		
		Exploration
	650101	
		Uranium
	650102	
		Coal
	650103	
		Oil and gas
	650104	
	050400	Oil shale and tar sands
	650199	Other
250000		Other
650200		Mining and Extraction
	050004	Mining and Extraction
	650201	

		Uranium
	650202	Coal
	650203	Oil and gas
	650204	Oil shale and tar sands
	650299	Other
650300		Preparation and Supply of Energy Source Minerals
	650301	Uranium
	650302	
	650303	Coal
	650304	Oil and gas
	650399	Oil shale and tar sands
650400		Energy minerals not elsewhere classified
	650401	Prevention and Treatment of Pollution
	650402	Exploration
	650403	Mining and extraction
	030403	Preparation and supply of energy source minerals
659900		Other
	659999	Other (e.g. safety)

Definitions

Division 2 - Subdivision 650000 - Energy Resources

This subdivision covers R&D directed towards the exploration, mining, extraction, preparation and supply of energy mineral resources.

It includes R&D directed towards 'clean production' to minimise emissions to the environment from the exploration, mining, extraction, preparation and supply of energy mineral resources or towards protection of the production site. This subdivision has five groups:

650100 - Exploration 650200 - Mining and Extraction 650300 - Preparation and Supply of Energy Source Minerals

650400 - Prevention and Treatment of Pollution

659900 - Other

Exclusions:

R&D directed towards:

(a) exploration, mining, extraction and processing of mineral resources other than used in the production and supply of energy is included in Subdivision 640000 Mineral Resources (Excl. Energy); and

(b) manufacture of processed products from energy resource minerals is included in Subdivision 670000 Manufacturing.

Group 650100 - Exploration

This group covers R&D directed towards exploration for uranium, coal, oil and gas, oil shale and tar sands and other energy minerals used for the energy resource industry. This group has five classes:

650101 - Uranium

650102 - Coal

650103 - Oil and gas

650104 - Oil shale and tar sands

650199 - Other

Exclusions:

R&D directed towards:

(a) exploration for non-energy mineral resources is included in Group 640100 Exploration; and

(b) 'clean production' to minimise emissions to the environment from the exploration for energy mineral resources or towards protection of the exploration site is included in Group 650400 Prevention and Treatment of Pollution.

Group 650200 - Mining and Extraction

This group covers R&D directed towards mining and extracting uranium, coal, oil and gas, oil shale and tar sands and other energy resource minerals. This group has five classes:

650201 - Uranium

650202 - Coal

650203 - Oil and gas

650204 - Oil shale and tar sands

650299 - Other

Exclusions:

R&D directed towards:

- (a) mining and extracting non-energy mineral resources is included in Group 640200 Primary Mining and Extraction Processes; and
- (b) 'clean production' to minimise emissions to the environment from the mining and extraction of energy mineral resources or towards protection of the production site is included in Group 650400 Prevention and Treatment of Pollution.

Group 650300 - Preparation and Supply of Energy Source Minerals

This group covers R&D directed towards the preparation and supply of uranium, coal, oil and gas, oil shale and tar sands and other energy source mineral resources. This group has five classes:

650301 - Uranium

650302 - Coal

650303 - Oil and gas

650304 - Oil shale and tar sands

650399 - Energy minerals not elsewhere classified

Exclusions:

R&D directed towards:

- (a) processing non-energy mineral resources is included in Group 640300 First Stage Treatment of Ores and Minerals; and
- (b) 'clean production' to minimise emissions to the environment from the processing of energy mineral resources or towards protection of the production site is included in Group 650400 Prevention and Treatment of Pollution.

Group 650400 - Prevention and Treatment of Pollution

This group covers R&D directed towards 'clean production' to minimise emissions to the environment from the exploration, mining, extraction, preparation and supply of energy mineral resources or towards protection of the production site. This group has three classes:

650401 - Exploration

650402 - Mining and extraction

650403 - Preparation and supply of energy source minerals

Group 659900 - Other

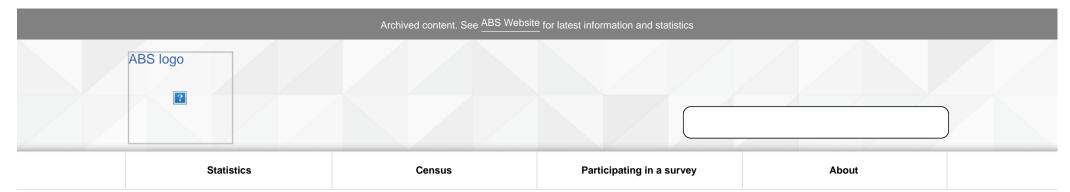
This group covers R&D directed towards energy resources not elsewhere classified. It has the one Class:

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



> By Release Date

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



(See Division 2, Introduction for more information)

Group	Class	
		Title
660100		
		Energy Transformation
	660101	
		Coal - electricity
	660102	
	000400	Coal - conversion to liquid fuels
	660103	Coal - other purposes
	660104	odar otrici parposos
		Nuclear
	660105	
		Refined oil and gas
	660106	
		Gas - conversion to liquid fuels
	660107	

	660199	
	000199	Energy transformation not elsewhere classified
660200		Energy transformation for electrical classified
		Renewable Energy
	660201	
		Hydro-electric
	660202	
		Wind
	660203	
	660204	Ocean
	660204	Solar-thermal
	660205	Cold thornia
		Solar-photoelectric
	660206	
		Solar-thermal electric
	660299	
		Renewable energy not elsewhere classified (e.g. geothermal)
660300		Energy Storage and Distribution
	660301	Lifetgy Storage and Distribution
		Electricity transmission
	660302	
		Gas distribution
	660303	
	660204	Energy storage
	660304	Energy systems analysis
	660399	Zholgy dystania analysis
		Energy distribution not elsewhere classified
660400		
		Conservation and Efficiency
	660401	To divide:
	660402	Industry
	000402	Residential and commercial
	660403	
		Transport
	660499	
		Other
660500		Prevention and Treatment of Pollution
	660501	Frevention and Treatment of Foliution
	300301	Energy transformation

Energy transformation

Oil shale and tar sands - conversion to liquid fuels

	660502	Renewable energy
669900	660503	
	660504	Energy storage and distribution
		Conservation and efficiency
	669999	Other
		Other

Definitions

Subdivision 660000 - Energy Supply, covers R&D directed towards renewable energy, energy production and supply, energy transformation, energy distribution and the conservation or efficient use of energy in the form of derived fuels such as petroleum products, electricity, town gas, coke and briquettes and in the form of heat energy.

It includes R&D directed towards 'clean production' to minimise emissions to the environment from the supply of energy or towards protection of the production site. This subdivision has six groups:

660100 - Energy Transformation

660200 - Renewable Energy

660300 - Energy Storage and Distribution

660400 - Conservation and Efficiency

660500 - Prevention and Treatment of Pollution

669900 - Other

Exclusions:

R&D directed towards the commercial provision of electricity, gas and water services and utilities is included in Subdivision 710000 Commercial Services and Tourism, Group 710100 Electricity, Gas and Water Services and Utilities.

Group 660100 - Energy Transformation

This group covers R&D directed towards the transformation of energy resource minerals such as coal, uranium, oil and gas into heat, steam or electricity; and the conversion of coal, natural gas, oil shale and tar sands to liquid fuels. This group has eight classes:

660101 - Coal - electricity

660102 - Coal - conversion to liquid fuels

660103 - Coal - other purposes

660104 - Nuclear

660105 - Refined oil and gas

660106 - Gas - conversion to liquid fuels

660107 - Oil shale and tar sands - conversion to liquid fuels

660199 - Energy transformation not elsewhere classified

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from energy transformation or towards protection of the production site is included in Group 660500 Prevention and Treatment of Pollution.

Group 660200 - Renewable Energy

This group covers R&D directed towards improving the generation and supply of renewable energy including hydro-electric energy, wind, ocean, geothermal, solar-thermal, solar-photoelectric, solar-thermal electric biomass and other forms of renewable energy. This group has seven classes:

660201 - Hydro-electric

660202 - Wind

660203 - Ocean

660204 - Solar-thermal

660205 - Solar-photoelectric

660206 - Solar-thermal electric

660299 - Renewable energy not elsewhere classified (e.g. geothermal)

Exclusions:

R&D directed towards protection of the production site is included in Group 660500 Prevention and Treatment of Pollution.

Group 660300 - Energy Storage and Distribution

This group covers R&D directed towards improving energy distribution including electricity transmission, gas distribution and other forms of energy distribution (incl. distribution of manufactured gas through systems of mains).

This group includes R&D directed towards energy storage and energy systems analysis. This group has five classes:

660301 - Electricity transmission

660302 - Gas distribution

660303 - Energy storage

660304 - Energy systems analysis

660399 - Energy distribution not elsewhere classified

Exclusions:

R&D directed towards:

(a) 'clean production' to minimise emissions to the environment from energy storage and distribution or towards protection of the production site is included in Group 660500

Prevention and Treatment of Pollution; and

(b) the provision and management of services, such as electricity, gas and water services and utilities to commercial and residential premises is included in Group 710100 Electricity, Gas and Water Services and Utilities.

Group 660400 - Conservation and Efficiency

This group covers R&D directed towards the conservation and efficient use of energy in industry, transport, commerce and households. This group has four classes:

660401 - Industry

660402 - Residential and commercial

660403 - Transport

660499 - Other

Group 660500 - Prevention and Treatment of Pollution

This group covers R&D directed towards 'clean production' to minimise emissions to the environment from the supply of energy or towards protection of the production site.

This group has four classes:

660501 - Energy transformation

660502 - Renewable energy

660503 - Energy storage and distribution

660504 - Conservation and efficiency

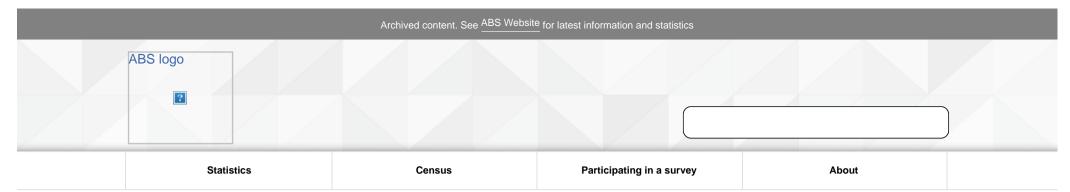
Group 669900 - Other

This group covers R&D in energy supply which is not classified elsewhere (e.g. safety). This group has the one Class:

669999 - Other

Previous Page Next Page

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



> By Release Date

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



(See Division 2, Introduction for more information)

Group	Class	
		Title
670100		
		Processed Food Products and Beverages
	670101	
		Carcass meat
	670102	
		Meat products
	670103	Fish and docts
	670104	Fish products
	670104	Fruit and vegetable products (incl. fruit juices)
	670105	Truit and vegetable products (incl. truit blocs)
	010100	Dairy products
	670106	
		Oils and fats (incl. margarines)
	670107	

		Grain mill products, starch and starch products (incl. sugar, bakery products)
	670108	Beverages (e.g. alcohol, wines, soft drinks, excl. fruit juices)
	670199	Processed food products and beverages not elsewhere classified
670200		Fibre Processing and Textiles; Footwear and Leather Products
	670201	Cotton ginning
	670202	Wool scouring and top making
	670203	
	670204	Natural yarns and fabrics
	670205	Synthetic fibres, yarns and fabrics
	670206	Other fibre processing and textiles
		Processed skins, leather and leather products not elsewhere classified
	670207	Clothing
	670208	Footwear
	670299	Other
670300		Wood, Wood Products and Paper
	670301	
	670302	Hardwood sawing and veneer
	670303	Softwood sawing and veneer
	670304	Pulp and paper
	670305	Reconstituted products (e.g. chipboard, particle board)
		Woodchips
	670306	Wood products not elsewhere classified
	670307	Paper products
	670308	Printing and publishing processes
	670399	
		Other

670400		
	670401	Human Pharmaceutical Products
	670402	Prevention - biologicals (e.g. vaccines)
	670402	Diagnostics
	670403	Treatments (e.g. chemicals, antibiotics)
	670499	
670500		Other
	670501	Veterinary Pharmaceutical Products
	670301	Prevention - biologicals (e.g. vaccines)
	670502	Diagnostics
	670503	
	670599	Treatments (e.g. chemicals, antibiotics)
670600		Other (incl. production enhancement)
070000		Agricultural Chemicals
	670601	Chemical fertilisers
	670602	Con and animal materian should
	670699	Crop and animal protection chemicals
670700		Agricultural chemicals not elsewhere classified
0.0.00		Industrial Chemicals and Related Products
	670701	Industrial gases
	670702	Synthetic regins and rubber
	670703	Synthetic resins and rubber
	670704	Rubber products
		Plastics in primary forms
	670705	Plastic products (incl. construction materials)
	670706	Organic industrial chemicals not elsewhere classified
	670707	
	670708	Inorganic industrial chemicals

	670709	Paints
		Soaps and cosmetics
	670710	Bituminous products
	670711	Lubricants
	670799	Other
670800		Basic Metal Products (Incl. Smelting)
	670801	Iron and steel (e.g. ingots, bars, rods, shapes and sections)
	670802	
	670803	Aluminium
	670899	Precious metals (e.g. refined bullion, wire and strip)
670900		Other non-ferrous metals (e.g. copper, zinc)
	670901s	Ceramics, Glass and Industrial Mineral Products
		Ceramic
	670902	Structural glass and glass products
	670903	Clay products
	670904	Cement and concrete products
	670999	Ceramics, glass and industrial mineral products not elsewhere classified
671000		Fabricated Metal Products
	671001	Structural metal products
	671002	
	671003	Sheet metal products
	671004	Semi-finished products
	671005	Castings
	671099	Machined products
	37.1300	

Fabricated metal products not elsewhere classified

671100		
	671101	Transport Equipment
	0,1101	Automotive equipment
	671102	Rail equipment
	671103	Tan Squipmon
	671104	Nautical equipment
		Aerospace equipment
	671199	Transport equipment not elsewhere classified
671200		Computer Hardware and Electronic Equipment
	671201	Computer Figure and Electronic Equipment
	671202	Integrated circuits and devices
	07 1202	Modules - special and attached processors
	671203	Modules - other processes
	671204	
	671205	Electronic office equipment
	671206	Computer equipment
	071200	Integrated systems
	671299	Computer hardware and electronic equipment not elsewhere classified
671300		
	671301	Communication Equipment
		Broadcasting equipment
	671302	Postal equipment
	671303	Vaiga assignment
	671304	Voice equipment
	671305	Data, image and text equipment
	07 1303	Network transmission equipment
	671306	Network switching equipment
	671399	
		Communication equipment not elsewhere classified

671400		
	671401	Instrumentation
	671402	Scientific instrumentation
	671403	Medical instrumentation
	671404	Industrial instrumentation
		Photographic equipment
	671499	Instrumentation not elsewhere classified
671500		Machinery and Equipment
	671501	Agricultural machinery and equipment
	671502	Mining machinery and equipment
	671503	Appliances and electrical machinery and equipment
	671504	Industrial machinery and equipment
	671505	Construction machinery and equipment
	671599	
671600		Machinery and equipment not elsewhere classified
	671601	Other Manufactured Products
	671602	Tobacco products
	671603	Furniture
	671699	Prefabricated buildings
674700	011000	Manufactured products not elsewhere classified
671700		Prevention and Treatment of Pollution
	671701	Processed food products and beverages
	671702	Fibre processing and textiles; footwear and leather products
	671703	Wood, wood products and paper
	671704	

674705	Human pharmaceutical products
671705	Veterinary pharmaceutical products
671706	Agricultural chemicals
671707	Industrial chemicals and related products
671708	Basic metal products (incl. smelting)
671709	
671710	Ceramics, glass and industrial mineral products
671711	Fabricated metal products
671712	Transport equipment
671713	Computer hardware and electronic equipment
	Communication equipment
671714	Instrumentation
671715	Machinery and equipment
671716	Other manufactured products
	Carlot manufactured products

Definitions

Subdivision 670000 - Manufacturing, covers R&D directed towards refining and developing processes or strategies for transforming processed or unprocessed materials or components into new products.

This subdivision includes R&D directed towards the manufacture of safe products. It also includes R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site. This subdivision has seventeen groups:

- 670100 Processed Food Products and Beverages
- 670200 Fibre Processing and Textiles; Footwear and Leather Products
- 670300 Wood, Wood Products and Paper
- 670400 Human Pharmaceutical Products
- 670500 Veterinary Pharmaceutical Products
- 670600 Agricultural Chemicals
- 670700 Industrial Chemicals and Related Products
- 670800 Basic Metal Products (Incl. Smelting)
- 670900 Ceramics, Glass and Industrial Mineral Products

671000 - Fabricated Metal Products

671100 - Transport Equipment

671200 - Computer Hardware and Electronic Equipment

671300 - Communication Equipment

671400 - Instrumentation

671500 - Machinery and Equipment

671600 - Other Manufactured Products

671700 - Prevention and Treatment of Pollution

Exclusions:

R&D directed towards:

- (a) testing the performance, durability and life cycle of manufactured building materials delivered on construction sites is included in Subdivision 680000 Construction; and
- (b) environmental health factors in manufacturing is included in Subdivision 730000 Health, Group 730200 Public Health.

Group 670100 - Processed Food Products and Beverages

This group covers R&D directed towards the manufacture of processed plant and animal food products, such as meat, fruit, vegetable and dairy products, fish, oils and fats, grain, bakery and grain mill products, sugar, alcoholic beverages and soft drinks. This group has nine classes:

670101 - Carcass meat

670102 - Meat products

670103 - Fish products

670104 - Fruit and vegetable products (incl. fruit juices)

670105 - Dairy products

670106 - Oils and fats (incl. margarines)

670107 - Grain mill products, starch and starch products (incl. sugar, bakery products)

670108 - Beverages (e.g. alcohol, wines, soft drinks, excl. fruit juices)

670199 - Processed food products and beverages not elsewhere classified

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

Group 670200 - Fibre Processing and Textiles; Footwear and Leather Products

This group covers R&D directed towards processing natural or synthetic fibres and the manufacture of fabrics, clothing, ropes and twines, floor coverings and other made-up textile products.

This group includes R&D directed towards leather tanning and fur dressing, the manufacture of footwear, processed skins, leather and leather products not classified

elsewhere. This group has nine classes:

670201 - Cotton ginning

670202 - Wool scouring and top making

670203 - Natural yarns and fabrics

670204 - Synthetic fibres, yarns and fabrics

670205 - Other fibre processing and textiles

670206 - Processed skins, leather and leather products not elsewhere classified

670207 - Clothing

670208 - Footwear

670299 - Other

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

Group 670300 - Wood, Wood Products and Paper

This group covers R&D directed towards processing hardwood and softwood, log sawmilling, wood chipping, timber dressing and the manufacture of wood products such as wooden structural fittings, plywood and veneer and particle boards of wood.

This group includes R&D directed towards the manufacture of pulp, paper and paper products and towards printing and publishing (except printing and publishing newspapers). This group has nine classes:

670301 - Hardwood sawing and veneer

670302 - Softwood sawing and veneer

670303 - Pulp and paper

670304 - Reconstituted products (e.g. chipboard, particle board)

670305 - Woodchips

670306 - Wood products not elsewhere classified

670307 - Paper products

670308 - Printing and publishing processes

670399 - Other

Exclusions:

R&D directed towards the:

- (a) harvest and transportation of logs and forest products is included in Group 620300 Forestry;
- (b) prefabrication of wooden buildings and the manufacture of wooden furniture is included in Group 671600 Other Manufactured Products;

- (c) 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution; and
- (d) printing and publishing of newspapers is included in Group 700300 Communication Services.

Group 670400 - Human Pharmaceutical Products

This group covers R&D directed towards the manufacture of pharmaceutical products for use in the prevention, diagnosis and treatment of human diseases. This group has four classes:

670401 - Prevention - biologicals (e.g. vaccines)

670402 - Diagnostics

670403 - Treatments (e.g. chemicals, antibiotics)

670499 - Other

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

Group 670500 - Veterinary Pharmaceutical Products

This group covers R&D directed towards the manufacture of pharmaceutical products for use in the prevention, diagnosis and treatment of veterinary diseases. This group has four classes:

670501 - Prevention - biologicals (e.g. vaccines)

670502 - Diagnostics

670503 - Treatments (e.g. chemicals, antibiotics)

670599 - Other (incl. production enhancement)

Exclusions:

R&D directed towards:

- (a) the manufacture of insecticides for sheep or cattle is included in Group 670600 Agricultural Chemicals; and
- (b) 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

Group 670600 - Agricultural Chemicals

This group covers R&D directed towards the manufacture of chemical fertilisers, pesticides, insecticides, weedicides and fungicides. This group has three classes:

670601 - Chemical fertilisers

670602 - Crop and animal protection chemicals

670699 - Agricultural chemicals not elsewhere classified

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

Group 670700 - Industrial Chemicals and Related Products

This group covers R&D directed towards the manufacture of industrial gases, synthetic resins and synthetic rubber, rubber and plastic products, organic and inorganic industrial chemicals, inks, paints, explosive, soaps and other detergents, cosmetics and other toiletry products.

It includes R&D directed towards petroleum refining, manufacture of bituminous products and lubricants. This group has twelve classes:

670701 - Industrial gases

670702 - Synthetic resins and rubber

670703 - Rubber products

670704 - Plastics in primary forms

670705 - Plastic products (incl. construction materials)

670706 - Organic industrial chemicals not elsewhere classified

670707 - Inorganic industrial chemicals

670708 - Paints

670709 - Soaps and cosmetics

670710 - Bituminous products

670711 - Lubricants

670799 - Other

Exclusions:

R&D directed towards the manufacture of:

- (a) human pharmaceutical products is included in Group 670400 Human Pharmaceutical Products;
- (b) veterinary pharmaceutical products is included in Group 670500 Veterinary Pharmaceutical Products;
- (c) agricultural chemicals is included in Group 670600 Agricultural Chemicals; and
- (d) 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

Group 670800 - Basic Metal Products (Incl. Smelting)

This group covers R&D directed towards the manufacture of ferrous and non-ferrous basic metal products, copper, lead, silver, zinc and other base metals, aluminium and precious metals. It includes R&D directed towards smelting. This group has four classes:

670801 - Iron and steel (e.g. ingots, bars, rods, shapes, sections)

670802 - Aluminium

670803 - Precious metals (e.g. refined bullion, wire and strip)

670899 - Other non-ferrous metals (e.g. copper, zinc)

Exclusions:

R&D directed towards:

(a) alumina production and beneficiation of aluminium ores is included in Group 640300 First Stage Treatment of Ores and Minerals; and

(b) 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

Group 670900 - Ceramics, Glass and Industrial Mineral Products

This group covers R&D directed towards the manufacture of ceramics, glass and glass products and industrial mineral products, including clay, cement and concrete products.

It includes R&D directed towards the manufacture of plaster and non-metallic mineral products. This group has five classes:

670901 - Ceramics

670902 - Structural glass and glass products

670903 - Clay products

670904 - Cement and concrete products

670999 - Ceramics, glass and industrial mineral products not elsewhere classified

Exclusions:

R&D directed towards:

(a) 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution; and

(b) testing the performance and durability of building materials is included in Group 680300 Materials Performance and Processes.

Group 671000 - Fabricated Metal Products

This group covers R&D directed towards the manufacture of structural and sheet metal products, castings, machined and semi-finished fabricated metal products. Examples of these products are structural steel, architectural aluminium and metal products, metal containers, sheet metal products including hand tools, general hardware, springs, nuts, rivets and non-ferrous pipe fittings. This group has six classes:

671001 - Structural metal products

671002 - Sheet metal products

671003 - Semi-finished products

671004 - Castings

671005 - Machined products

671099 - Fabricated metal products not elsewhere classified

Exclusions:

R&D directed towards:

(a) the prefabrication of metal buildings and manufacture of sheet metal furniture is included in Group 671600 Other Manufactured Products; and

(b) 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

Group 671100 - Transport Equipment

This group covers R&D directed towards the manufacture of motor vehicles, railway rolling stock, aeroplanes, ships, boats and other transport equipment not elsewhere classified.

It includes R&D directed towards the manufacture of components and repair of transport equipment included in this classification. This group has five classes:

671101 - Automotive equipment

671102 - Rail equipment

671103 - Nautical equipment

671104 - Aerospace equipment

671199 - Transport equipment not elsewhere classified

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

Group 671200 - Computer Hardware and Electronic Equipment

This group covers R&D directed towards the manufacture of computer hardware and electronic equipment used for offices, computing and integrated systems and computer peripherals.

It includes R&D directed towards the manufacture of business machines such as photocopiers, typewriters or calculators. This group has seven classes:

- 671201 Integrated circuits and devices
- 671202 Modules special and attached processors
- 671203 Modules other processes
- 671204 Electronic office equipment
- 671205 Computer equipment
- 671206 Integrated systems
- 671299 Computer hardware and electronic equipment not elsewhere classified

Exclusions:

R&D directed towards:

- (a) 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution; and
- (b) developing computer software and the provision of programming services is included in Group 700100 Computer Software and Services.

Group 671300 - Communication Equipment

This group covers R&D directed towards the manufacture of communication equipment, including that used for broadcasting, electronic data, voice or image transmission, network transmission and switching equipment. This group has seven classes:

- 671301 Broadcasting equipment
- 671302 Postal equipment
- 671303 Voice equipment
- 671304 Data, image and text equipment
- 671305 Network transmission equipment
- 671306 Network switching equipment
- 671399 Communication equipment not elsewhere classified

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

Group 671400 - Instrumentation

This group covers R&D directed towards the manufacture of scientific, medical and industrial instrumentation, photographic equipment and other instrumentation. This group has five classes:

- 671401 Scientific instrumentation
- 671402 Medical instrumentation
- 671403 Industrial instrumentation

671404 - Photographic equipment

671499 - Instrumentation not elsewhere classified

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

Group 671500 - Machinery and Equipment

This group covers R&D directed towards the manufacture of machinery and equipment and towards the manufacture of household appliances and other electrical equipment not classified elsewhere. This group has six classes:

671501 - Agricultural machinery and equipment

671502 - Mining machinery and equipment

671503 - Appliances and electrical machinery and equipment

671504 - Industrial machinery and equipment

671505 - Construction machinery and equipment

671599 - Machinery and equipment not elsewhere classified

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

Group 671600 - Other Manufactured Products

This group covers R&D directed towards the manufacture of tobacco products, furniture, prefabricated buildings and other products not classified elsewhere. This group has four classes:

671601 - Tobacco products

671602 - Furniture

671603 - Prefabricated buildings

671699 - Manufactured products not elsewhere classified

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site is included in Group 671700 Prevention and Treatment of Pollution.

Group 671700 - Prevention and Treatment of Pollution

This group covers R&D directed towards 'clean production' to minimise emissions to the environment from manufacturing processes or towards protection of the production site. This group has sixteen classes:

671701 - Processed food products and beverages

671702 - Fibre processing and textiles; footwear and leather products

671703 - Wood, wood products and paper

671704 - Human pharmaceutical products

671705 - Veterinary pharmaceutical products

671706 - Agricultural chemicals

671707 - Industrial chemicals and related products

671708 - Basic metal products (incl. smelting)

671709 - Ceramics, glass and industrial mineral products

671710 - Fabricated metal products

671711 - Transport equipment

671712 - Computer hardware and electronic equipment

671713 - Communication equipment

671714 - Instrumentation

671715 - Machinery and equipment

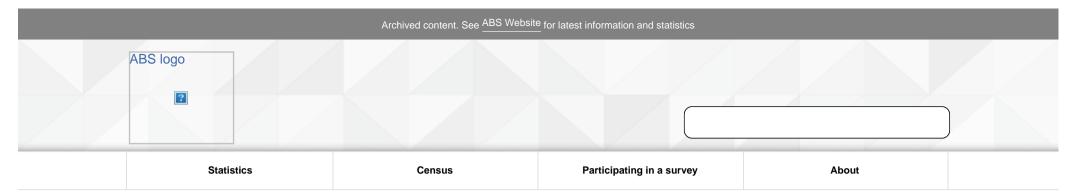
671716 - Other manufactured products

<u>Previous Page</u> <u>Next Page</u>

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics

<u>Creative commons</u> <u>Copyright</u> <u>Disclaimer</u> <u>Privacy</u> <u>Accessibility</u> <u>Staff login</u>



> By Release Date

Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



(See Division 2, Introduction for more information)

Group Class Title 680100 **Planning** 680101 Housing 680102 Commercial 680103 Civil 6801041 Industria 680199 Other 680200 Design 680201 Housing

	680202	
	680203	Commercial
		Civil
	680204	Industrial
	680299	
680300		Other
		Materials Performance and Processes
	680301	Stone, ceramics and clay materials
	680302	
	680303	Cement and concrete materials
	000004	Polymeric materials (e.g. paints)
	680304	Timber materials
	680305	Matala (access alternations handless at a)
	680399	Metals (composites, coatings, bonding, etc.)
		Other
680400		Construction Processes
680400	680401	
680400	680401 680402	Construction Processes Housing
680400	680402	
680400		Housing
680400	680402	Housing Commercial Civil
680400	680402 680403	Housing Commercial
	680402 680403 680404	Housing Commercial Civil
680500	680402 680403 680404	Housing Commercial Civil Industrial
	680402 680403 680404	Housing Commercial Civil Industrial Other Building Management and Services
	680402 680403 680404 680499	Housing Commercial Civil Industrial Other Building Management and Services Housing
	680402 680403 680404 680499 680501 680502	Housing Commercial Civil Industrial Other Building Management and Services
	680402 680403 680404 680499	Housing Commercial Civil Industrial Other Building Management and Services Housing
	680402 680403 680404 680499 680501 680502	Housing Commercial Civil Industrial Other Building Management and Services Housing Commercial

		Other
680600		
	690601	Prevention and Treatment of Pollution
	680601	Planning
	680602	
		Design
	680603	
	680604	Materials performance and processes
	000004	Construction processes
	680605	·
		Building management and services

Definitions

Subdivision 680000 - Construction, covers R&D directed towards construction. It includes R&D directed towards improving the use and performance of building materials, the processes for which they are used and the functions of engineering, planning, design, management and building services in the construction industry.

This subdivision includes R&D directed towards testing on construction sites the performance, durability and life cycle of materials used in the construction industry; the planning component of the construction up to the stage of developing sketch plans; design component, specifically turning sketch plans into working drawings and specifications; the development and supply of components and materials which are assembled and placed on site to form buildings, but manufactured off-site; and the design, supply and installation of building services.

It includes R&D directed towards 'clean production' to minimise emissions to the environment from construction or towards protection of the production site.

R&D directed towards safety in construction projects is also included in this subdivision. This subdivision has six groups:

680100 - Planning

680200 - Design

680300 - Materials Performance and Processes

680400 - Construction Processes

680500 - Building Management and Services

680600 - Prevention and Treatment of Pollution

Exclusions:

R&D directed towards the:

(a) manufacture of materials used in construction is included in the appropriate groups in Subdivision 670000 Manufacturing; and

(b) environmental health considerations in construction is included in Subdivision 730000 Health, Group 730200 Public Health.

Group 680100 - Planning

This group covers R&D directed towards improving the activities associated with the development of construction projects to the sketch plan stage, including urban planning, environmental impact studies, investigation of alternatives, market surveys, information gathering and assessment, geotechnical considerations, conceptual architectural design and project funding. This group has five classes:

680101 - Housing

680102 - Commercial

680103 - Civil

680104 - Industrial

680199 - Other

Group 680200 - Design

This group covers R&D directed towards improving the associated activities which turn a project sketch plan into detailed architectural and engineering designs and specifications and towards the development of building regulations and design codes.

R&D directed towards quantity surveying is also included in this group. This group has five classes:

680201 - Housing

680202 - Commercial

680203 - Civil

680204 - Industrial

680299 - Other

Group 680300 - Materials Performance and Processes

This group covers R&D directed towards testing the performance, durability and life cycle of components and materials which are delivered or assembled on construction sites. The testing of performance, durability or life cycle of building materials on existing buildings is also included in this group. Examples of building materials on which testing is carried out are steel elements and assemblies, concrete, reinforcing bars, precast concrete elements, bricks, blocks, plasterboard, roof tiles, timber and plastic and aluminium components, such as windows, frames and piping. This group has six classes:

680301 - Stone, ceramics and clay materials

680302 - Cement and concrete materials

680303 - Polymeric materials (e.g. paints)

680304 - Timber materials

680305 - Metals (composites, coatings, bonding, etc.)

680399 - Other

Group 680400 - Construction Processes

This group covers R&D directed towards improving the associated processes or activities which translate plans and specifications into a finished building.

This group includes R&D directed towards the tendering process, contractual matters, construction management, quality assurance, the actual construction and towards the health and safety aspects in construction. This group has five classes:

680401 - Housing

680402 - Commercial

680403 - Civil

680404 - Industrial

680499 - Other

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from construction processes or towards protection of the production site is included in Group 680600 Prevention and Treatment of Pollution.

Group 680500 - Building Management and Services

This group covers R&D directed towards the design and installation of building services such as lifts, air-conditioning, plumbing, electrical services, communication networks, security and fire alarm systems. R&D directed towards the maintenance or servicing of these services is also included in this group.

This group includes R&D directed towards site demolition, building refurbishment and other construction trade services (e.g. concreting, tiling) not elsewhere classified. This group has five classes:

680501 - Housing

680502 - Commercial

680503 - Civil

680504 - Industrial

680599 - Other

Group 680600 - Prevention and Treatment of Pollution

This group covers R&D directed towards 'clean production' to minimise emissions to the environment from construction or towards protection of the production site. This group has five classes:

680601 - Planning

680602 - Design

680603 - Materials performance and processes

680604 - Construction processes

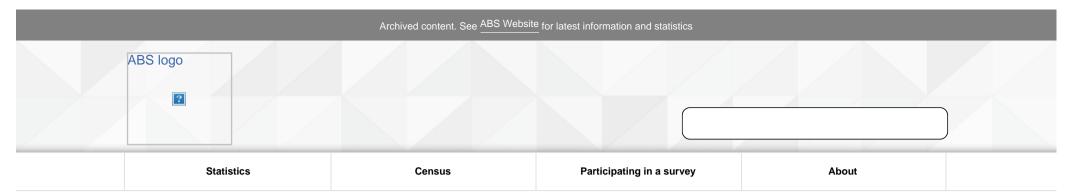
680605 - Building management and services

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Websit	for latest information and statistics
----------------------------------	---------------------------------------

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



> By Release Date

Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



(See Division 2, Introduction for more information)

	690203	
		Inland water transport
690300		Air Transport
	690301	
		Air transport
	690302	Space transport
690400		Space transport
		Other Transport
	690401	Multimodal transport
	690402	Wullimodal transport
		Intermodal materials handling
	690499	Transport not also where also aified
690500		Transport not elsewhere classified
		Prevention and Treatment of Pollution
	690501	One world to a conserver
	690502	Ground transport
	3	Water transport
	690503	
	690504	Air transport
	300004	Other transport

Definitions

Subdivision 690000 - Transport, covers R&D directed towards improving the efficiency and safety of transport systems for moving freight, passengers or livestock by ground, water, air or any combinations of these (e.g. sea-air transport) or by any other means.

This subdivision includes R&D directed towards oceanic currents and processes that impinge on sea safety or navigation. It includes R&D directed towards minimising emissions to the environment from transport. This subdivision has five groups:

690100 - Ground Transport 690200 - Water Transport 690300 - Air Transport 690400 - Other Transport 690500 - Prevention and Treatment of Pollution

Exclusions:

R&D directed towards:

- (a) the transportation of plants and primary plant products, livestock and primary livestock products is included in Subdivision 620000 Plant Production and Plant Primary Products and Subdivision 630000 Animal Production and Animal Primary Products respectively; and
- (b) transport systems as an integral part of urban planning is included in Subdivision 680000 Construction.

Group 690100 - Ground Transport

This group covers R&D directed towards road passenger or freight transport, long or short distance bus transport (incl. tramway), railway transport, taxi and other road transport.

This group includes R&D directed towards services to ground transport such as parking services, toll bridge, weighbridge, container terminals and punt operations and towards improving road safety. This group has four classes:

690101 - Road safety

690102 - Other road transport

690103 - Rail transport

690199 - Ground transport not elsewhere classified

Exclusions:

R&D directed towards minimising emissions to the environment from ground transport is included in Group 690500 Prevention and Treatment of Pollution.

Group 690200 - Water Transport

This group covers R&D directed towards international, coastal or inland water transport.

This group includes R&D directed towards services to water transport such as stevedoring, water terminals, ports and other services to water transport and towards oceanic currents and processes in so far as they impinge on sea safety or navigation. This group has three classes:

690201 - International sea transport

690202 - Coastal water transport

690203 - Inland water transport

Exclusions:

R&D directed towards minimising emissions to the environment from water transport is included in Group 690500 Prevention and Treatment of Pollution.

Group 690300 - Air Transport

This group covers R&D directed towards international and domestic air transport for passenger, freight and livestock. It includes R&D directed towards other non-scheduled air and space transport. This group has two classes:

690301 - Air transport 690302 - Space transport **Exclusions:**

R&D directed towards minimising emissions to the environment from air transport is included in Group 690500 Prevention and Treatment of Pollution.

Group 690400 - Other Transport

This group covers R&D directed towards multi-modal transport and intermodal materials handling.

R&D directed towards pipeline transport and other transport not elsewhere classified is also included in this group. This group has three classes:

690401 - Multimodal transport

690402 - Intermodal materials handling

690499 - Transport not elsewhere classified

Exclusions:

R&D directed towards minimising emissions to the environment from other transport is included in Group 690500 Prevention and Treatment of Pollution.

Group 690500 - Prevention and Treatment of Pollution

This group covers R&D directed towards minimising emissions to the environment from transport. This group has four classes:

690501 - Ground transport

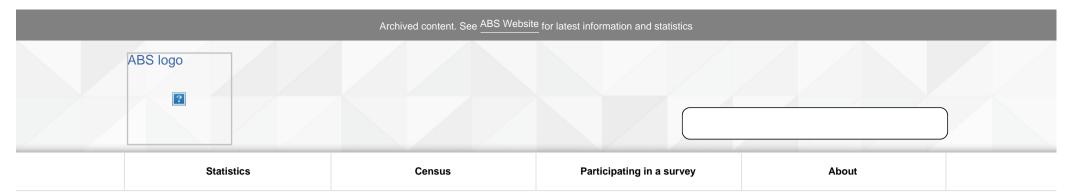
690502 - Water transport

690503 - Air transport

690504 - Other transport

Previous Page Next Page

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



> By Release Date

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



(See Division 2, Introduction for more information)

Group	Class	
Стоир	Olass	Title
700100		
		Computer Software and Services
	700101	
		Application packages
	700102	Application to all and a votem utilities
	700103	Application tools and system utilities
	700103	Information processing services
	700199	
		Computer software and services not elsewhere classified
700200		
		Other Information Services
	700201	
	700200	Library and related information services
	700299	

700300		Information services not elsewhere classified
700300		Communication Services
	700301	Broadcasting
	700302	·
	700303	Telecommunications
	700000	Postal communications
	700399	Communication services not elsewhere classified
700400	700401	Prevention and Treatment of Pollution
		Prevention and treatment of pollution

Definitions

Subdivision 700000 - Information and Communication Services covers R&D directed towards the support and provision of information and communication services (incl. telecommunication services), computer programming or software services, library and library database services, presentations of educational displays for museums, art galleries or other such institutions.

This subdivision includes R&D directed towards printing and publishing newspapers and the provision, processing, presentation or dissemination of information not classified elsewhere.

It includes R&D directed towards the prevention and treatment of pollution by information and communication services. This subdivision has four groups:

700100 - Computer Software and Services

700200 - Other Information Services

700300 - Communication Services

700400 - Prevention and Treatment of Pollution

Exclusions:

R&D directed towards the:

- (a) development or manufacture of computer hardware or electronic equipment (incl. assembly of components) is included in Subdivision 670000 Manufacturing, Group 671200 Computer Hardware and Electronic Equipment; and
- (b) development or manufacture of communication equipment (incl. assembly of components) is included in Subdivision 670000 Manufacturing, Group 671300 Communication Equipment.

Group 700100 - Computer Software and Services

This group covers R&D directed towards the provision of computer programming or software services which has general purpose application.

This group includes R&D directed towards programming or development of computer software, including application packages, application tools, systems utilities or information processing services. This group has four classes:

700101 - Application packages

700102 - Application tools and system utilities

700103 - Information processing services

700199 - Computer software and services not elsewhere classified

Exclusions:

R&D directed towards computer programming or software services which is specific to other socio-economic objectives is included in other appropriate groups, e.g. television programming is included in Group 700300 Communication Services.

Group 700200 - Other Information Services

This group covers R&D directed towards the provision of other information services not elsewhere classified.

It includes R&D directed towards libraries, library data bases and information processing and the presentation of information (incl. displays) in libraries, museums and art galleries, educational centres and similar facilities and other information services not elsewhere classified. This group has two classes:

700201 - Library and related information services

700299 - Information services not elsewhere classified

Exclusions:

R&D directed towards news or media related information services is included in Group 700300 Communication Services.

Group 700300 - Communication Services

This group covers R&D directed towards telecommunications, postal and courier services, television and radio broadcasting, media services, newspaper publishing and other news dissemination. This group has four classes:

700301 - Broadcasting

700302 - Telecommunications

700303 - Postal communications

700399 - Communication services not elsewhere classified

Exclusions:

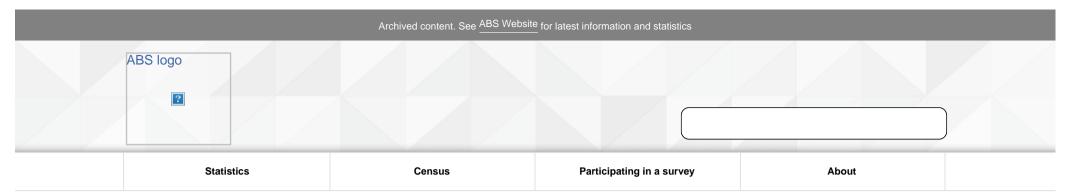
	700401 - Preven	tion and treatment of pol	llution				
	Previous Page						Next Page
			This page last update	d 26 March 2008			
		Archiv	red content. See ABS Website f	or latest information and st	atistics		
C	Creative commons	Copyright	Disclaimer	Privacy	Accessibility	Staff login	

This group covers R&D directed towards the prevention and treatment of pollution by information and communication services.

R&D directed towards printing or publishing books and other periodicals (except newspapers) is included in Group 670300 Wood, Wood Products and Paper.

Group 700400 - Prevention and Treatment of Pollution

This group has the one Class:



> By Release Date

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



(See Division 2, Introduction for more information)

Group	Class	
		Title
710100		
		Electricity, Gas and Water Services and Utilities
	710101	
		Electricity services and utilities
	710102	
		Gas services and utilities
	710103	
		Water services and utilities
710200		
		Waste Management and Recycling
	710201	
		Waste management
	710202	
		Recycling
	710299	

710200		Othe
710300		Wholesale and Retail Trade
	710301	Wholesale
	710302	Retail trade
710400		Retail trade
	710401	Finance, Property and Business Services
	740400	Finance and investment services
	710402	Insurance services
	710403	Property and business services
710500		
	710501	Tourism
	710502	Economic issues
		Socio-cultural issues
	710503	Tourism infrastructure development
	710599	Tourism not elsewhere classified
710600		
	710601	Other Commercial Services
	710602	Recreational services
		Hospitality services
	710603	Commercial security services
	710699	Commercial services not elsewhere classified
710700		Commercial services not elsewhere classified
	710701	Prevention and Treatment of Pollution
		Electricity, gas and water services and utilities
	710702	Waste management and recycling
	710703	Wholesale and retail trade
	710704	This is an a rotal trade

Finance, property and business services

710705

Tourism

710706

Other commercial services

Definitions

Subdivision 710000 - Commercial Services and Tourism, covers R&D directed towards the provision of commercial services to all areas of economic and social development.

This subdivision includes R&D directed towards the provision of electricity and gas services to consumers, provision of water, sewerage and drainage services; management and recycling of wastes or waste products as a discrete process or as a service to consumers; wholesale and retail trade services, finance, property and business services; tourism; recreational and personal services and other commercial services not elsewhere classified.

It includes R&D directed towards 'clean production' to minimise emissions to the environment from commercial services or tourism or towards protection of the production site. This subdivision has seven groups:

710100 - Electricity, Gas and Water Services and Utilities

710200 - Waste Management and Recycling

710300 - Wholesale and Retail Trade

710400 - Finance, Property and Business Services

710500 - Tourism

710600 - Other Commercial Services

710700 - Prevention and Treatment of Pollution

Exclusions:

R&D directed towards the:

- (a) transformation of energy into electricity and gas and conservation or efficient use of energy is included in Subdivision 660000 Energy Supply; and
- (b) management or recycling of industrial wastes as an integral process within an industry to prevent impacts of economic development on the environment is included in the appropriate groups within the Defence, Economic Development and Society Divisions.

Group 710100 - Electricity, Gas and Water Services and Utilities

This group covers R&D directed towards the provision of electricity, gas and water services and utilities to industrial and commercial premises and households.

This group includes R&D directed towards the following:

provision of electricity supply to users as consumers (incl. provision of customer and advisory services); repair and maintenance of electricity transmission and power facilities; provision of gas supply to users as consumers (incl. provision of customer and advisory services); · repair and maintenance of gas mains;

- provision of gas supplies to consumers in bottle or bulk (wholesale or retail);
- provision of water services and utilities, stormwater drainage and sewerage treatment concerned with water supply;
- storage, purification or distribution of water;
- · repair and maintenance of water related facilities services; and
- operation of irrigation systems.

This group has three classes:

710101 - Electricity services and utilities

710102 - Gas services and utilities

710103 - Water services and utilities

Exclusions:

R&D directed towards the:

- (a) manufacture of gases is included in Group 660100 Energy Transformation;
- (b) transmission of electricity and distribution of manufactured gas i.e. transportation through a system of mains, including pipelines operated on own account is included in Group 660300 Energy Storage and Distribution;
- (c) construction of new electricity transmission or power facilities, new gas pipelines, dams, water mains and pumping stations is included in Group 680400 Construction Processes: and
- (d) 'clean production' to minimise emissions to the environment from electricity, gas and water services and utilities or towards protection of the production site is included in Group 710700 Prevention and Treatment of Pollution.

Group 710200 - Waste Management and Recycling

This group covers R&D directed towards management and recycling wastes or waste products considered as a discrete process or as a service to consumers.

R&D directed towards managing sewerage wastes, sewerage treatment (other than concerned with water supply) or towards handling and processing wastes (incl. toxic waste

710202 - Recycling 710299 - Other **Exclusions:** R&D directed towards: (a) the industrial processing of wastes and scrap to manufacture new products is included in the appropriate groups in Subdivision 670000 Manufacturing; (b) sewerage treatment concerned with water supply is included in Group 710100 Electricity, Gas and Water Services and Utilities; (c) 'clean production' to minimise emissions to the environment from waste management and recycling or towards protection of the production site is included in Group 710700 Prevention and Treatment of Pollution: and (d) waste management or recycling as an integral process within an industry to prevent impacts of economic development on the environment is included in the relevant groups in the Defence, Economic Development and Society Divisions. Group 710300 - Wholesale and Retail Trade This group covers R&D directed towards wholesale and retail trade services. It includes R&D directed towards direct marketing. This group has two classes: 710301 - Wholesale trade 710302 - Retail trade **Exclusions:** R&D directed towards wholesaling or retailing gas supplies to consumers in bottles or in bulk is included in Group 710100 Electricity, Gas and Water Services and Utilities. **Group 710400 - Finance, Property and Business Services** This group covers R&D directed towards the development and provision of the following services: finance and investment services including banks, building societies, credit unions, money market dealing, and other services to finance; insurance including life insurance, superannuation funds, health and general insurance and services to insurance; property services including real estate agents, property operators and developers; and other business services including legal and accounting services, advertising, graphic design, market research, business consultancy, secretarial services and plant

) and scrap is included in this group. This group has three classes:

710201 - Waste management

leasing and hiring.

This group has three classes: 710401 - Finance and investment services 710402 - Insurance services 710403 - Property and business services Group 710500 - Tourism This group covers R&D directed towards tourism services. This group has four classes: 710501 - Economic issues 710502 - Socio-cultural issues 710503 - Tourism infrastructure development 710599 - Tourism not elsewhere classified **Group 710600 - Other Commercial Services** This group covers R&D directed towards the development and provision of commercial services not elsewhere classified. It includes R&D directed towards the following: recreational services mainly of a commercial nature (e.g. casinos); hospitality services (e.g. motels, taverns, restaurants); • the provision of commercial security services (incl. alarm and surveillance services); other commercial services such as video hire outlets, hiring of personal and household goods, laundries and dry cleaners, photography services, funeral parlours, crematoria and cemeteries; and • other business services not classified elsewhere.

This group has four classes:

710601 - Recreational services

710602 - Hospitality services

710603 - Commercial security services

710699 - Commercial services not elsewhere classified

Exclusions:

R&D directed towards:

(a) security services or surveillance systems for military purposes is included in Group 610100 Defence; and for corrective purposes is included in Group 750500 Justice and the Law;

(b) museums and art galleries is included in Group 700200 Other Information Services; and

(c) music and theatre production, sport and services to sport activities (incl. sporting clubs) and recreational and amusement services mainly of a non-commercial nature (e.g. parks, botanical gardens) is included in Group 750200 Arts and Leisure.

Group 710700 - Prevention and Treatment of Pollution

This group covers R&D directed towards 'clean production' to minimise emissions to the environment from commercial services and tourism or towards protection of the production site. This group has six classes:

710701 - Electricity, gas and water services and utilities

710702 - Waste management and recycling

710703 - Wholesale and retail trade

710704 - Finance, property and business services

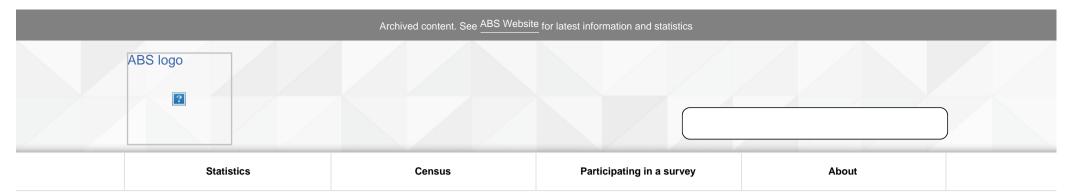
710705 - Tourism

710706 - Other commercial services

Previous Page Next Page

This page last updated 26 March 2008

	Archive	d content. See ABS Website for I	atest information and statisti	cs	
Creative commons	Copyright	Disclaimer	Privacy	Accessibility	Staff login



> By Release Date

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



(See Division 2, Introduction for more information)

Group	Class	
		Title
720100		
		Macroeconomic Issues
	720101	
		Fiscal policy
	720102	
		Monetary policy
	720103	
	700404	Exchange rates
	720104	Balance of payments
	720105	Balance of payments
	720100	Income policy
	720106	
		Taxation
	720199	

720200		Macroeconomic issues not elsewhere classified
	720204	Microeconomic Issues
	720201	Microeconomic effects of taxation
	720202	Consumption
	720203	Industrial organisations
	720204	Industry policy
	720205	
	720299	Industry costs and structure
720300		Microeconomic issues not elsewhere classified
	720301	International Trade Issues
	720302	Trade policy
		Assistance and protection
	720303	International agreements on trade
	720399	International trade issues not elsewhere classified
720400		Management and Productivity Issues
	720401	·
		Marketing
	720402	Marketing
	720402 720403	Marketing Industrial relations
	720403 720404	Industrial relations
720500	720403	Industrial relations Management
720500	720403 720404 720499	Industrial relations Management Productivity
720500	720403 720404	Industrial relations Management Productivity Management and productivity issues not elsewhere classified
720500	720403 720404 720499	Industrial relations Management Productivity Management and productivity issues not elsewhere classified Measurement Standards and Calibration Services
720500	720403 720404 720499 720501	Industrial relations Management Productivity Management and productivity issues not elsewhere classified Measurement Standards and Calibration Services Defence standards and calibrations

729900	720599	Measurement standards and calibration services not elsewhere classified
	729901	Other Economic Issues
	729999	Technological and organisational innovation
		Economic issues not elsewhere classified

Definitions

Subdivision 720000 - Economic Framework, covers R&D directed towards the understanding of the economic framework of development or the application of economic theory to assist development.

This subdivision includes R&D directed towards understanding macroeconomic, microeconomic, international trade, management and productivity issues.

It also includes R&D directed towards developing measurement standards and calibrations services which make a contribution to economic framework. This subdivision has six groups:

720100 - Macroeconomic Issues

720200 - Microeconomic Issues

720300 - International Trade Issues

720400 - Management and Productivity Issues

720500 - Measurement Standards and Calibration Services

729900 - Other Economic Issues

Group 720100 - Macroeconomic Issues

This group covers R&D directed towards the understanding of economic relations at the macroeconomic level, including fiscal policy, monetary policy, exchange rates, balance of payments, income policy, taxation and other macroeconomic issues. This group has seven classes:

720101 - Fiscal policy

720102 - Monetary policy

720103 - Exchange rates

720104 - Balance of payments

720105 - Income policy

720106 - Taxation

720199 - Macroeconomic issues not elsewhere classified

Group 720200 - Microeconomic Issues

This group covers R&D directed towards understanding economic relations at the microeconomic level, including effects on taxation, consumption, industrial organisations,

industry policy, industry cost and structure and other microeconomic issues. This group has six classes:

720201 - Microeconomic effects of taxation

720202 - Consumption

720203 - Industrial organisations

720204 - Industry policy

720205 - Industry costs and structure

720299 - Microeconomic issues not elsewhere classified

Group 720300 - International Trade Issues

This group covers R&D directed towards understanding issues relating to international trade, including trade policy, assistance and protection and international agreements on trade. This group has four classes:

720301 - Trade policy

720302 - Assistance and protection

720303 - International agreements on trade

720399 - International trade issues not elsewhere classified

Group 720400 - Management and Productivity Issues

This group covers R&D directed towards management and productivity issues. It includes R&D directed towards marketing and industrial relations. This group has five classes:

720401 - Marketing

720402 - Industrial relations

720403 - Management

720404 - Productivity

720499 - Management and productivity issues not elsewhere classified

Group 720500 - Measurement Standards and Calibration Services

This group covers R&D directed towards the development and provision of measurement and calibration standards or services for defence, manufacturing and the service industries. This group has four classes:

720501 - Defence standards and calibrations

720502 - Manufacturing standards and calibrations

720503 - Service industries standards and calibrations

720599 - Measurement standards and calibration services not elsewhere classified

Exclusions:

	R&D directed towards the manufacture of scientific equipment or other instrumentation is included in Group 671400 Instrumentation.				
	Group 729900 - Other Economic Issues				
	This group covers R&D directed towards understanding other economic issues in the economic framework or towards a contribution to economic framework not else	ewhere			
	classified. This group has two classes:				
	729901 - Technological and organisational innovation				
	729999 - Economic issues not elsewhere classified				
	Previous Page	Next Page			
		Nextrage			
This page last updated 26 March 2008					

Archived content. See ABS Website for latest information and statistics

Privacy

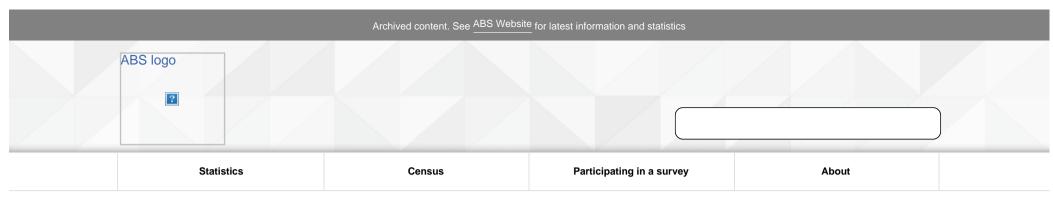
Disclaimer

Copyright

Creative commons

Staff login

Accessibility



> By Release Date

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998

Explanatory Notes



Summary

Downloads

Contents >> Chapter 4: Socio-Economic Objective (SEO) classification >> SEO classifications and definitions >> Division 3 - Society (Introduction)

Past Releases

Division 3 - Society, covers R&D directed towards individual and community well-being or towards general social development.

It includes R&D directed towards the improvement and protection of human health, including clinical treatment, development and provision of public health and health support services.

It includes R&D directed towards the provision of education and training.

This division also includes R&D directed towards social development and community services, including work, arts and leisure, justice and the law, government and politics and the provision of welfare and other public services (other than those concerned with economic development).

It also includes R&D directed towards international relations, heritage, communication, religion and the understanding of past societies and ethical issues relating to social development. This division has three subdivisions:

730000 - Health

740000 - Education and Training

750000 - Social Development and Community Services

Exclusions:

R&D directed towards:

(a) health and safety issues associated with industrial activities is included in Division 2 Economic Development, e.g. safety in construction

industry, is included in Subdivision 680000 Construction; and

(b) the resolution of social and health issues in economic development, e.g. industrial relations and working conditions, is included in Subdivision 720000 Economic Framework, Group 720400 Management and Productivity Issues.

Full details of the classification structure and definitions for each subdivision follow this document.

This section contains the following subsection:

730000 - Health

740000 - Education and Training

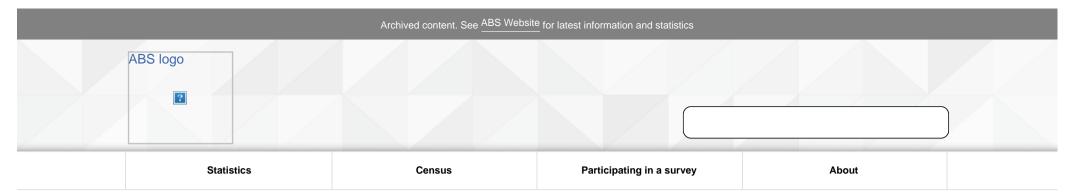
750000 - Social Development and Community Services

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Classification Structure - Subdivision 730000 - Health

(See Division 3, Introduction for more information)

Group	Class	
		Title
730100		
		Clinical (Organs, Diseases and Abnormal Conditions)
	730101	
		Infectious diseases
	730102	
	700400	Immune system and allergy
	730103	Blood disorders
	730104	blood disorders
		Nervous system and disorders
	730105	·
		Endocrine organs and diseases (incl. diabetes)
	730106	
		Cardiovascular system and diseases
	730107	
		Inherited diseases (incl. gene therapy)

	730108	Consequent related disparders
	730109	Cancer and related disorders
	730110	Surgical methods and procedures
	730111	Respiratory system and diseases (incl. asthma)
	730112	Hearing, vision, speech and their disorders
	730113	Oro-dental and disorders
	730114	Digestive system and disorders
	730115	Skeletal system and disorders (incl. arthritis)
	730116	Urogenital system and disorders
	730117	Reproductive system and disorders
	730118	Skin and related disorders
	730199	Organs, diseases and abnormal conditions not elsewhere classified
730200	730199	Clinical health not specific to particular organs, diseases and conditions
		Public Health
	730201	Public Health Women's health
	730201 730202	Women's health
		Women's health Men's health
	730202	Women's health Men's health Health related to ageing
	730202 730203	Women's health Men's health Health related to ageing Child health
	730202 730203 730204	Women's health Men's health Health related to ageing Child health Substance abuse
	730202 730203 730204 730205	Women's health Men's health Health related to ageing Child health Substance abuse Aboriginal and Torres Strait Islander health
	730202 730203 730204 730205 730206	Women's health Men's health Health related to ageing Child health Substance abuse Aboriginal and Torres Strait Islander health Health related to specific ethnic groups
	730202 730203 730204 730205 730206 730207	Women's health Men's health Health related to ageing Child health Substance abuse Aboriginal and Torres Strait Islander health

	720044	Environmental health
	730211	Mental health
	730212	Disease distribution and transmission
	730213	
	730214	Preventive medicine
	730215	Dental health
		Nutrition
	730216	Food safety
	730217	Health status (e.g. indicators of "well-being")
	730218	
	730219	Social structure and health
	730220	Behaviour and health
	730220	Injury control
	730299	Public health not elsewhere classified
730300		Health and Support Services
	730301	
	730302	Health education and promotion
	720202	Nursing
	730303	Occupational, speech and physiotherapy
	730304	Palliative care
	730305	Dia vanatia matha da
	730306	Diagnostic methods
	730307	Evaluation of health outcomes
		Health policy evaluation
	730308	Health policy economic outcomes
	730399	Health and support services not elsewhere classified
		(1)

Subdivision 730000 - Health, covers R&D directed towards human health, including the understanding and treatment of clinical diseases and conditions and the provision of public health and associated support services. This subdivision has three groups:

730100 - Clinical (Organs, Diseases and Abnormal Conditions)

730200 - Public Health

730300 - Health and Support Services

Group 730100 - Clinical (Organs, Diseases and Abnormal Conditions)

This group covers R&D directed towards the clinical aspects of health and medicine. It includes R&D directed towards organ diseases or abnormal conditions and mainly aimed at gaining understanding of causes, effects and treatment of specific conditions. This group has nineteen classes:

730101 - Infectious diseases

730102 - Immune system and allergy

730103 - Blood and disorders

730104 - Nervous system and disorders

730105 - Endocrine organs and diseases (incl. diabetes)

730106 - Cardiovascular system and diseases

730107 - Inherited diseases (incl. gene therapy)

730108 - Cancer and related disorders

730109 - Surgical methods and procedures

730110 - Respiratory system and diseases (incl. asthma)

730111 - Hearing, vision, speech and their disorders

730112 - Oro-dental and disorders

730113 - Digestive system and disorders

730114 - Skeletal system and disorders (incl. arthritis)

730115 - Urogenital system and disorders

730116 - Reproductive system and disorders

730117 - Skin and related disorders

730118 - Organs, diseases and abnormal conditions not elsewhere classified

730199 - Clinical health not specific to particular organs, diseases and conditions

Exclusions:

R&D directed towards preventive medicine and life-style impact on health, the effect of social conditions (e.g. poverty) on the community health, and the social aspects of health (e.g. food safety, nutrition) is included in Group 730200 Public Health.

Group 730200 - Public Health

This group covers R&D directed towards community health or the health of discrete community groups, e.g. aged persons. The primary focus of R&D in this group is on the social and community aspects of health and medicine.

It includes R&D directed towards community support for particular conditions or for discrete groups as they relate to health and medical conditions.

This group also includes R&D directed towards preventive medicine, environmental health (e.g. health factors in constructing an airport) and other broad aspects of public health. This group has twenty one classes:

730201 - Women's health

730202 - Men's health

730203 - Health related to ageing

730204 - Child health

730205 - Substance abuse

730206 - Aboriginal and Torres Strait Islander health

730207 - Health related to specific ethnic groups

730208 - Occupational health (excl. economic development aspects)

730209 - Rural health

730210 - Environmental health

730211 - Mental health

730212 - Disease distribution and transmission

730213 - Preventive medicine

730214 - Dental health

730215 - Nutrition

730216 - Food safety

730217 - Health status (e.g. indicators of "well-being")

730218 - Social structure and health

730219 - Behaviour and health

730220 - Injury control

730299 - Public health not elsewhere classified

Exclusions:

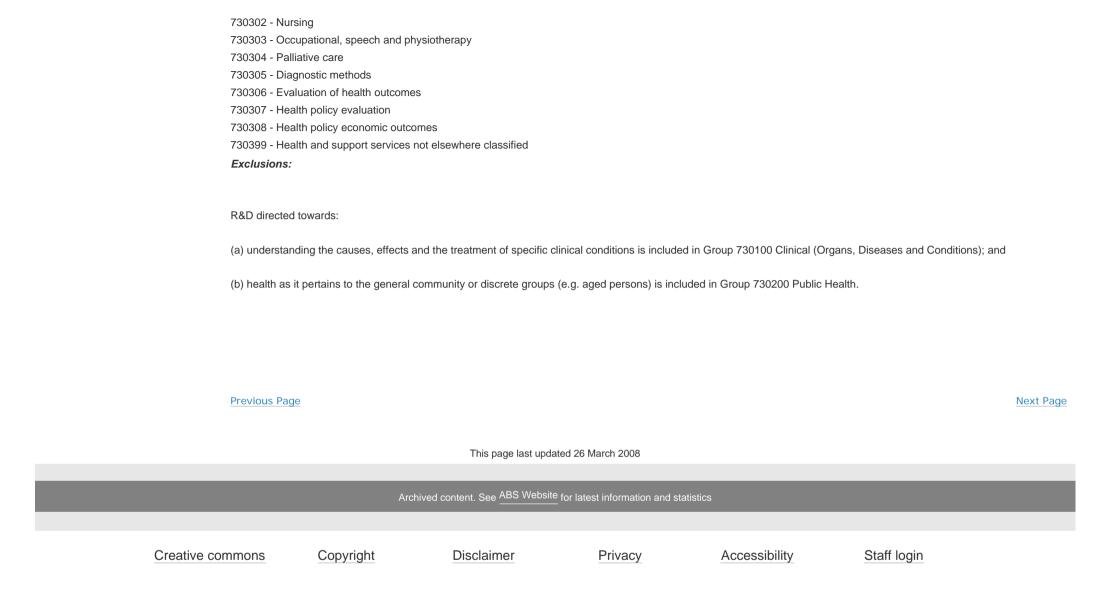
R&D directed towards:

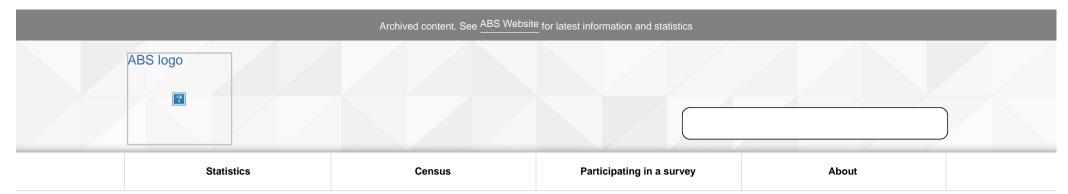
- (a) understanding the causes, effects and treatment of specific clinical conditions is included in Group 730100 Clinical (Organs, Diseases and Abnormal Conditions); and
- (b) the evaluation of health care programs and policies is included in Group 730300 Health and Support Services.

Group 730300 - Health and Support Services

This group covers R&D directed towards community support (incl. community health education and training) in health and medicine. The primary focus of R&D in this group is on the promotion of health education and the evaluation of health programs.

This group includes R&D directed towards health care infrastructure support. This group has nine classes:





Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



(See Division 3, Introduction for more information)

Group	Class	
		Title
740100		
		Early Childhood and Primary Education
	740101	Early childhood education
	740102	Lary ormanicou coucanor.
		Primary education
740200		Secondary Education
	740201	Secondary education
740300		Higher Education
	740301	Higher education
740400		Vocational Education and Training

	740401	Vocational education and training
740500		Special Education
749900	740501	Special education
149900	749901	Other Education
	749901	Occupational training
	749902	Continuing education
	749903	Aboriginal and Torres Strait Islander education
	749904	Education across cultures
	749905	
	749906	Gender aspects of education
	749999	Education policy
		Education and training not elsewhere classified

Definitions

Subdivision 740000 - Education and Training, covers R&D directed towards general education and training. This subdivision has six groups:

740100 - Early Childhood and Primary Education

740200 - Secondary Education

740300 - Higher Education

740400 - Vocational Education and Training

740500 - Special Education

749900 - Other Education

Exclusions:

R&D directed towards public health education is included in Group 730300 Health and Support Services.

Group 740100 - Early Childhood and Primary Education

This group covers R&D directed towards early childhood and primary school education. This group has two classes:

740101 - Early childhood education 740102 - Primary education

Group 740200 - Secondary Education

This group covers R&D directed towards high school or secondary education. It has the one Class:

740201 - Secondary education

Group 740300 - Higher Education

This group covers R&D directed towards tertiary or post-secondary education. It has the one Class:

740301 - Higher education

Exclusions:

R&D directed towards:

- (a) TAFE colleges operation is included in Group 740400 Vocational Education and Training; and
- (b) the provision of continuing education is included in Group 749900 Other Education.

Group 740400 - Vocational Education and Training

This group covers R&D directed towards vocational education and training, including technical education and TAFE colleges operation. It has the one Class:

740401 - Vocational education and training

Group 740500 - Special Education

This group covers R&D directed towards special education for the handicapped or disadvantaged children or persons within the public or private school systems or in the workforce.

This group also includes R&D directed towards the education and training of gifted children. It has the one Class:

740501 - Special education

Group 749900 - Other Education

This group covers R&D directed towards the other areas of education and training, including occupational training, continuing education, Aboriginal and Torres Strait Islander education, education across cultures, gender aspects of education, education policy and other education issues not elsewhere classified. This group has seven classes:

Previous Page	:					Next Page
		This page last updated	d 26 March 2008			
	Archiv	ed content. See ABS Website fo	r latest information and sta	atistics		
Creative commons	Copyright	Disclaimer	Privacy	Accessibility	Staff login	

R&D directed towards TAFE colleges operation is included in Group 740400 Vocational Education and Training.

749901 - Occupational training 749902 - Continuing education

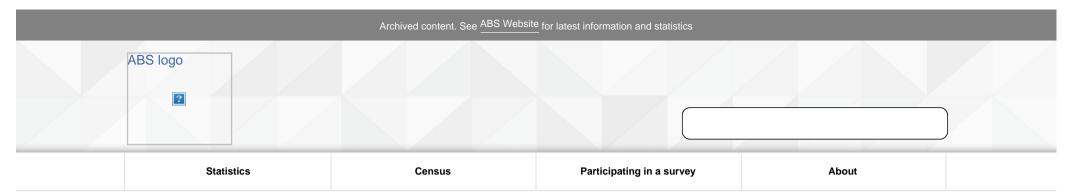
749906 - Education policy

Exclusions:

749904 - Education across cultures749905 - Gender aspects of education

749903 - Aboriginal and Torres Strait Islander education

749999 - Education and training not elsewhere classified



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



(See Division 3, Introduction for more information)

Group	Class	
		Title
750100		
		Work
	750101	
		Employment
	750102	
		Changing work patterns
	750103	
	750404	The professions and professionalisation
	750104	Preserving institutional and organisational histories
	750199	Freserving institutional and organisational histories
	750155	Work not elsewhere classified
750200		
		Arts and Leisure
	750201	

	750202	The performing arts (incl. music, theatre and dance)
		The creative arts
	750203	Organised sports
	750204	Recreation
	750299	Arts and leisure not elsewhere classified
750300		Community Service (Excl. Work)
	750301	The distribution of wealth
	750302	Class
	750303	Gender
	750304	The aged
	750305	Ability and disability
	750306	Ethnicity and multiculturalism
	750307	Families
	750308	
	750309	National identity
	750310	Aboriginal and Torres Strait Islander development and welfare
	750311	Carers development and welfare (i.e. carers for the aged, disabled)
	750312	Migrant development and welfare
	750399	Youth/child development and welfare
750400		Community services not elsewhere classified
	750401	Religion and Ethics
	750402	Religion and society
	750403	Religious structures and rituals
		Bioethics

	730404	Social ethics
	750405	Environmental athirs
	750406	Environmental ethics
		Business ethics
	750499	Religion and ethics not elsewhere classified
750500		Trengion and ethics not eigewhere classified
	750504	Justice and the Law
	750501	Ownership of the land
	750502	
	750503	Consumer affairs
	700000	Understanding legal processes
	750504	
	750505	Law enforcement
		Correctional services
	750599	Justice and the law not elsewhere classified
750600		
	750601	Government and Politics
	730001	Understanding political systems
	750602	Understanding placement avetages
	750603	Understanding electoral systems
		Federalism in Australia
	750604	Civics and citizenship
	750605	
	750699	Public services management
	750099	Government and politics not elsewhere classified
750700		
	750701	International Relations
		Understanding international relations
	750702	Understanding other countries
	750703	Chastotaliang Strot Countries
	750701	International organisations
	750704	

	750799	International aid
750		International relations not elsewhere classified
750	800	Heritage
	750801	Preserving the built environment
	750802	Preserving movable cultural heritage
	750803	Urban planning
	750804	Regional planning
	750805	
	750899	Aboriginal and Torres Strait Islander heritage
750	900	Heritage not elsewhere classified
	750901	Understanding Past Societies
	750902	Understanding Australia's past
751	000	Understanding the pasts of other societies
	751001	Communication
	751002	Languages and literature
	751003	Languages and literacy
		Visual communication
	751004	The media
	751005	Communication across languages and cultures
	751006	Managing collections
	751099	Communication not elsewhere classified
759	900	Other Social Development and Community Services
	759999	Other social development and community services
_		

Definitions

Subdivision 750000 - Social Development and Community Services, covers R&D directed towards community and social services (incl. welfare) to individuals or community groups (e.g. disabled, unemployed) and towards social justice and general equity.

This subdivision includes R&D directed towards arts and leisure, justice and the law, government and politics, international relations, heritage, communication, religion and the understanding of past societies and ethical issues relating to social development. This subdivision has eleven groups:

750100 - Work

750200 - Arts and Leisure

750300 - Community Service (Excl. Work)

750400 - Religion and Ethics

750500 - Justice and the Law

750600 - Government and Politics

750700 - International Relations

750800 - Heritage

750900 - Understanding Past Societies

751000 - Communication

759900 - Other Social Development and Community Services

Exclusions:

R&D directed towards:

- (a) recreational services mainly of a commercial nature (e.g. casino, cinema) is included in Subdivision 710000 Commercial Services and Tourism, Class 710601 Recreational services; and
- (b) the provision of community health services and their associated support services is included in the appropriate groups in Subdivision 730000 Health.

Group 750100 - Work

This group covers R&D directed towards aspects of work, such as employment, work patterns, the professions and preserving institutional and organisational histories. This group has five classes:

750101 - Employment

750102 - Changing work patterns

750103 - The professions and professionalisation

750104 - Preserving institutional and organisational histories

750199 - Work not elsewhere classified

Exclusions:

R&D directed towards:

- (a) industrial relations is included in Group 720400 Management and Productivity Issues, Class 720402 Industrial relations; and
- (b) occupational health is included in Group 730200 Public Health, Class 730208 Occupational health (excl. economic development aspects).

Group 750200 - Arts and Leisure

This group covers R&D directed towards the arts and related cultural activities. It includes R&D directed towards:

- sport and physical endeavour or other recreation activities not elsewhere classified;
- visual arts, painting, sculpture, dance, drama, the performing arts and music;
- music and theatre production, sound recording and the provision of services to the arts;
- the operation of race tracks, sport grounds and facilities and the provision of services to sport (incl. sporting clubs); and
- the operation of parks, botanical and zoological gardens.

This group has five classes:

750201 - The performing arts (incl. music, theatre and dance)

750202 - The creative arts

750203 - Organised sport

750204 - Recreation

750299 - Arts and leisure not elsewhere classified

Exclusions:

R&D directed towards:

- (a) museums and art galleries is included in Group 700200 Other Information Services;
- (b) cinemas or motion picture exhibition is included in Group 710600 Other Commercial Services, Class 710601 Recreational Services; and
- (c) motion picture (incl. video) production and distribution is included in Group 710600 Other Commercial Services, Class 710699 Commercial Services not elsewhere classified.

Group 750300 - Community Service (Excl. Work)

This group covers R&D directed towards the provision or delivery of community and welfare services to individuals or to defined community groups such as the disabled, aged persons and single parents. This group has thirteen classes:

750301 - The distribution of wealth

750302 - Class

750303 - Gender

750304 - The aged

750305 - Ability and disability

750306 - Ethnicity and multiculturalism

750307 - Families

750308 - National identity

750309 - Aboriginal and Torres Strait Islander development and welfare

750310 - Carers development and welfare (i.e. carers for the aged, disabled)

750311 - Migrant development and welfare

750312 - Youth/child development and welfare

750399 - Community service not elsewhere classified

Exclusions:

R&D directed towards community health education is included in Group 730300 Health and Support Services.

Group 750400 - Religion and Ethics

This group covers R&D directed towards the understanding and analyses of religion and ethical issues of concern to social, scientific or technological development, the application of ethical or moral theory to such issues and the development of codes of behaviour or standards of practice for businesses, professions and trades. It includes R&D in bioethics or biomedical ethics and environmental ethics. This group has seven classes:

750401 - Religion and society

750402 - Religious structures and rituals

750403 - Bioethics

750404 - Social ethics

750405 - Environmental ethics

750406 - Business ethics

750499 - Religion and ethics not elsewhere classified

Exclusions:

R&D directed towards ethics, moral theory or theories of no immediate value to social, scientific or technological development is included in Subdivision 780000 Non-Oriented research, Class 780112 Philosophy and religion.

Group 750500 - Justice and the Law

This group covers R&D directed towards justice and the law. It includes R&D in land ownership, consumer affairs, legal processes, law enforcement and correctional services. This group has six classes:

- 750502 Consumer affairs
- 750503 Understanding legal processes
- 750504 Law enforcement
- 750505 Correctional services
- 750599 Justice and the law not elsewhere classified

Group 750600 - Government and Politics

This group covers R&D directed towards the understanding and analyses of government and politics. It includes R&D directed towards the understanding of electoral systems, civics and citizenship and public services management. This group has six classes:

- 750601 Understanding political systems
- 750602 Understanding electoral systems
- 750603 Federalism in Australia
- 750604 Civics and citizenship
- 750605 Public services management
- 750699 Government and politics not elsewhere classified

Group 750700 - International Relations

This group covers R&D directed towards improving international relations. This group has five classes:

- 750701 Understanding international relations
- 750702 Understanding other countries
- 750703 International organisations
- 750704 International aid
- 750799 International relations not elsewhere classified

Exclusions:

R&D directed towards:

- (a) international trade or international economic relations is included in Group 720300 International Trade Issues; and
- (b) international environmental protection issues is included in the appropriate groups in Subdivision 760000 Environmental Policy Frameworks and Other Aspects.

Group 750800 - Heritage

This group covers R&D directed towards heritage issues, such as preservation and urban and regional planning. This group has six classes:

- 750801 Preserving the built environment
- 750802 Preserving movable cultural heritage
- 750803 Urban planning

750804 - Regional planning 750805 - Aboriginal and Torres Strait Islander heritage 750899 - Heritage not elsewhere classified

Group 750900 - Understanding Past Societies

This group covers R&D directed towards the understanding of past societies. This group has two classes:

750901 - Understanding Australia's past

750902 - Understanding the pasts of other societies

Group 751000 - Communication

This group covers R&D directed towards improving communication. This group has seven classes:

751001 - Languages and literature

751002 - Languages and literacy

751003 - Visual communication

751004 - The media

751005 - Communication across languages and culture

751006 - Managing collections

751099 - Communication not elsewhere classified

Group 759900 - Other Social Development and Community Services

This group covers R&D directed towards social development and community services which are not elsewhere classified. It has the one Class:

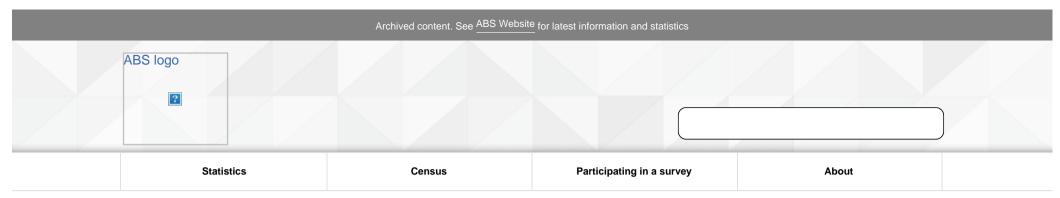
759999 - Other social development and community services

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998

Explanatory Notes



Downloads

Summary

Contents >> Chapter 4: Socio-Economic Objective (SEO) classification >> SEO classifications and definitions >> Division 4. Environment (Introduction)

Past Releases

Division 4 - Environment, covers R&D directed towards assessing and sustaining the quality of the environment and its natural resources. The environment for purposes of this classification refers to `all surroundings of human beings, whether affecting human beings as individuals or in social groupings'. Source: Environmental Protection (Impact of Proposals) Act 1975.

This division includes R&D directed towards the study of the environment (both of pristine and degraded or altered states) conducted in the context of developing management strategies to sustain the quality of environmental attributes. It also includes studies of the environmental impact of socio-economic activities as well as R&D for the development of social and economic environmental policies. This division has two subdivisions:

760000 - Environmental Policy Frameworks and Other Aspects

770000 - Environmental Management

Exclusions:

R&D directed towards:

- (a) the provision of services to improve individual and community health is included in Division 3 Society, Group 730200 Public Health, Class 730210 Environmental health;
- (b) social environment is included in Subdivision 750000 Social Development and Community Services; and
- (c) 'clean production' to minimise emissions to the environment from industrial processes or towards protection of the production site (e.g. sustainability of agricultural production systems) is included in the relevant Subdivisions and Groups of the Defence, Economic Development

and Society Divisions.
Full details of the classification structure and definitions for each subdivision follow this document.

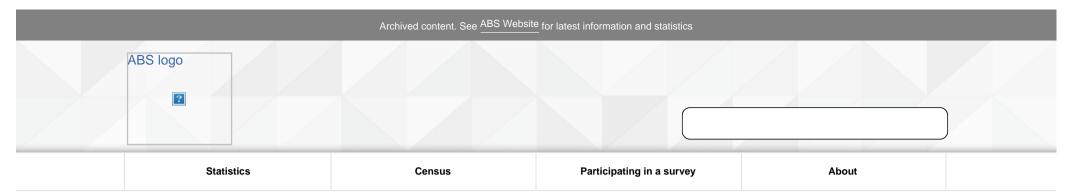
This section contains the following subsection:

<u>760000 - Environmental, Policy Frameworks and other Aspects</u> <u>770000 - Environmental Management</u>

Previous Page Next Page

This page last updated 26 March 2008

_	_	Archive	ed content. See ABS Website for I	latest information and statisti	ics	
	Creative commons	Copyright	Disclaimer	Privacy	Accessibility	Staff login



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



(See Division 4, Introduction for more information)

Group	Class	
		Title
760100		
		Environmental Policy, Legislation and Standards
	760101	
		Global climate change adaptation measures
	760102	
		Trade and environment
	760103	Consumption nottorns, population issues and the equivariant
	760104	Consumption patterns, population issues and the environment
	700104	Environmental education and awareness
	760199	Environmental education and amaionede
		Environmental policy, legislation and standards not elsewhere classified
760200		
		Environmental and Resource Evaluation
	760201	

	760202	Institutional arrangements
		Economic incentives and regulation
	760203	Rights to environmental and natural resources
	760299	Environmental and resource evaluation not elsewhere classified
769900	769999	Other Environmental Aspects
	703339	Other Environmental aspects

Definitions

Subdivision 760000 - Environmental Policy Frameworks and Other Aspects, covers R&D directed towards the development of social and economic environmental policies. This subdivision also covers R&D directed towards environmental aspects which are not elsewhere classified. This subdivision has three groups:

760100 - Environmental Policy, Legislation and Standards

760200 - Environmental and Resource Evaluation

769900 - Other Environmental Aspects

Exclusions:

R&D directed towards:

- (a) the provision of services to improve individual and community health is included in Division 3 Society, Group 730200 Public Health, Class 730210 Environmental health;
- (b) social environment is included in Subdivision 750000 Social Development and Community Services; and
- (c) environmental management is included in Subdivision 770000 Environmental Management.

Group 760100 - Environmental Policy, Legislation and Standards

This group covers R&D directed towards the development of environmental policy, legislation and standards. This group has five classes:

760101 - Global climate change adaptation measures

760102 - Trade and environment

760103 - Consumption patterns, population issues and the environment

760104 - Environmental education and awareness

760199 - Environmental policy, legislation and standards not elsewhere classified

Exclusions:

 (a) the provision of services to improve individual and community health is included in Division 3 Society, Group 730200 Public Health, Class 730210 Environmental health and (b) social environment is included in Subdivision 750000 Social Development and Community Services. Group 760200 - Environmental and Resource Evaluation 	R8	&D directed towards:
Group 760200 - Environmental and Resource Evaluation	` '	
·	(b)	social environment is included in Subdivision 750000 Social Development and Community Services.
	Gr	roup 760200 - Environmental and Resource Evaluation
This group covers R&D directed towards environmental and resource evaluation. This group has four classes:	Th	is group covers R&D directed towards environmental and resource evaluation. This group has four classes:

760201 - Institutional arrangements

760202 - Economic incentives and regulation

760203 - Rights to environmental and natural resources

760299 - Environmental and resource evaluation not elsewhere classified

Group 769900 - Other Environmental Aspects

This group covers R&D directed towards environmental aspects which are not elsewhere classified. It has the one Class:

769999 - Other environmental aspects

Exclusions:

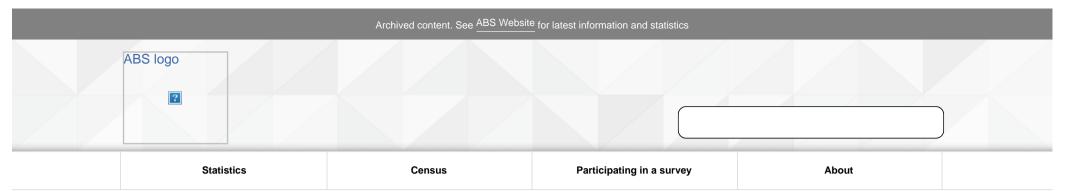
R&D directed towards environmental management is included in Subdivision 770000 Environmental Management.

Previous Page Next Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login



1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



(See Division 4, Introduction for more information)

0	01	
Group	Class	Title
770100		
		Climate and Weather
	770101	
		Climate change
	770102	
		Climate variability
	770103	M. d
	770400	Weather
	770199	Other
770000		Other
770200		Atmosphere (Excl. Climate and Weather)
	770201	Authosphere (Exci. Chimate and Weather)
	110201	Atmospheric composition
	770202	Authosphiene composition
	110202	

770300		Atmospheric processes
770300	770004	Marine Environment
	770301	Air quality
	770302	Living resources (incl. impacts of fishing on non-target species)
	770303	Control of pests and exotic species
	770304	Physical and chemical conditions
	770305	Oceanic processes (excl. climate related)
	770306	Integrated (ecosystem) assessment and management
	770307	Marine protected areas
	770399	Other
770400		
	770401	Coastal and Estuarine Environment
	770402	Air quality
	770403	Land and water management
	770404	Living resources (flora and fauna)
	770405	Control of pests and exotic species
	770406	Physical and chemical conditions
	770407	Integrated (ecosystem) assessment and management
	770408	Remnant vegetation and protected conservation areas (both terrestrial and marine)
		Rehabilitation of degraded coastal and estuarine areas
	770409	Estuarine and lagoon areas
	770499	Other
770500		Urban and Industrial Environment
	770501	

Air quality

	770502	
	770503	Land and water management
	770000	Living resources (flora and fauna)
	770504	Control of pests and exotic species
	770505	Control of pests and exotic species
	770506	Integrated (ecosystem) assessment and management
	770300	Remnant vegetation and protected conservation areas
	770507	Industrial/degraded areas
	770599	muusina/uegraueu areas
770600		Other
770000		High Country (Incl. Mountains)
	770601	Air quality
	770602	All quality
	770603	Land and water management
	770003	Living resources (flora and fauna)
	770604	Control of pests and exotic species
	770605	Control of pests and exotic species
	770606	Integrated (ecosystem) assessment and management
	770000	Remnant vegetation and protected conservation areas
	770607	Rehabilitation of degraded high country
	770699	Trenabilitation of degraded high country
770700		Other
770700		Forest and Wooded Lands
	770701	Air quality
	770702	All quality
	770703	Land and water management
	770703	Living resources (flora and fauna)
	770704	Control of pests and exotic species
	770705	Control of posts and choice species
		Integrated (ecosystem) assessment and management

	770706	
	770707	Remnant vegetation and protected conservation areas
	770799	Rehabilitation/reafforestation
======		Other
770800		Farmland (Incl. Arable Land and Permanent Crop Land)
	770801	Air quality
	770802	
	770803	Land and water management
	770804	Living resources (flora and fauna)
		Control of pests and exotic species
	770805	Integrated (ecosystem) assessment and management
	770806	Remnant vegetation and protected conservation areas
	770807	
	770899	Rehabilitation of degraded farmland
	110000	
770000	770000	Other
770900	770000	Other Sparseland (Incl. Permanent Grassland and the Arid Zone)
770900	770901	Sparseland (Incl. Permanent Grassland and the Arid Zone)
770900		Sparseland (Incl. Permanent Grassland and the Arid Zone) Air quality
770900	770901	Sparseland (Incl. Permanent Grassland and the Arid Zone)
770900	770901 770902	Sparseland (Incl. Permanent Grassland and the Arid Zone) Air quality
770900	770901 770902 770903 770904	Sparseland (Incl. Permanent Grassland and the Arid Zone) Air quality Land and water management
770900	770901 770902 770903	Sparseland (Incl. Permanent Grassland and the Arid Zone) Air quality Land and water management Living resources (flora and fauna)
770900	770901 770902 770903 770904	Sparseland (Incl. Permanent Grassland and the Arid Zone) Air quality Land and water management Living resources (flora and fauna) Control of pests and exotic species Integrated (ecosystem) assessment and management
770900	770901 770902 770903 770904 770905	Sparseland (Incl. Permanent Grassland and the Arid Zone) Air quality Land and water management Living resources (flora and fauna) Control of pests and exotic species Integrated (ecosystem) assessment and management Remnant vegetation and protected conservation areas
770900	770901 770902 770903 770904 770905 770906	Sparseland (Incl. Permanent Grassland and the Arid Zone) Air quality Land and water management Living resources (flora and fauna) Control of pests and exotic species Integrated (ecosystem) assessment and management
	770901 770902 770903 770904 770905 770906 770907	Sparseland (Incl. Permanent Grassland and the Arid Zone) Air quality Land and water management Living resources (flora and fauna) Control of pests and exotic species Integrated (ecosystem) assessment and management Remnant vegetation and protected conservation areas
771000	770901 770902 770903 770904 770905 770906 770907	Sparseland (Incl. Permanent Grassland and the Arid Zone) Air quality Land and water management Living resources (flora and fauna) Control of pests and exotic species Integrated (ecosystem) assessment and management Remnant vegetation and protected conservation areas Rehabilitation of degraded sparseland

	771002	Air quality
		Land and water management
	771003	Living resources (flora and fauna)
	771004	Control of pests and exotic species
	771005	Integrated (ecosystem) assessment and management
	771006	Remnant vegetation and protected conservation areas
	771007	
	771099	Rehabilitation of degraded mining lands
771100		Other
	771101	Antarctic and Sub-Antarctic Areas
	771102	Air quality
	771103	Land and water management
		Living resources (flora and fauna)
	771104	Control of pests and exotic species
	771105	Integrated (ecosystem) assessment and management
	771199	Other
779900		Other (Incl. Islands)
	779901	Air quality
	779902	
	779903	Land and water management
	779904	Living resources (flora and fauna)
	779905	Control of pests and exotic species
	779906	Integrated (ecosystem) assessment and management
	779907	Remnant vegetation and protected conservation areas
	110001	Rehabilitation of degraded areas

Other

Definitions

Subdivision 770000 - Environmental Management, covers R&D directed towards the study of the environment (both of pristine and degraded or altered states) conducted in the context of developing management strategies to sustain the quality of environmental attributes. It also includes studies of the environmental impact of socio-economic activities. This subdivision has twelve groups:

770100 - Climate and Weather

770200 - Atmosphere (Excl. Climate and Weather)

770300 - Marine Environment

770400 - Coastal and Estuarine Environment

770500 - Urban and Industrial Environment

770600 - High Country (Incl. Mountains)

770700 - Forest and Wooded Lands

770800 - Farmland (Incl. Arable Land and Permanent Crop Land)

770900 - Sparseland (Incl. Permanent Grassland and the Arid Zone)

771000 - Mining Environments

771100 - Antarctic and Sub-Antarctic Areas

779900 - Other (Incl. Islands)

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes or towards protection of the production site (e.g. sustainability of agricultural production systems) is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

Group 770100 - Climate and Weather

This group covers R&D directed towards the expansion of knowledge and understanding of the climate and the weather. Climate for the purpose of this classification refers to a long term average condition of the weather in a given area. This group has four classes:

770101 - Climate change

770102 - Climate variability

770103 - Weather

770199 - Other

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

Group 770200 - Atmosphere (Excl. Climate and Weather)

This group covers R&D directed towards the expansion of knowledge and understanding of the atmosphere, including understanding the changes in the upper atmosphere (stratosphere - between 10 and 59 km altitude), ozone concentrations and their effects. This group has two classes:

770201 - Atmospheric composition

770202 - Atmospheric processes

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

Group 770300 - Marine Environment

This group covers R&D directed towards the expansion of knowledge and understanding of the marine environment. This group has eight classes:

770301 - Air quality

770302 - Living resources (incl. impacts of fishing on non-target species)

770303 - Control of pests and exotic species

770304 - Physical and chemical conditions

770305 - Oceanic processes (excl. climate related)

770306 - Integrated (ecosystem) assessment and management

770307 - Marine protected areas

770399 - Other

Exclusions:

R&D directed towards:

- (a) understanding of oceanic currents, etc. for naval safety or navigation is included in Group 690200 Water Transport; and
- (b) 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

Group 770400 - Coastal and Estuarine Environment

This group covers R&D directed towards enhancing knowledge, awareness and understanding of the coastal and estuarine environment. Coastal refers to an area within 150 km of the coastline. This group has ten classes:

770401 - Air quality

770402 - Land and water management

770403 - Living resources (flora and fauna)

770404 - Control of pests and exotic species

770405 - Physical and chemical conditions

770406 - Integrated (ecosystem) assessment and management

770407 - Remnant vegetation and protected conservation areas (both terrestrial and marine)

770408 - Rehabilitation of degraded coastal and estuarine areas

770409 - Estuarine and lagoon areas

770499 - Other

Exclusions:

R&D directed towards:

(a) understanding of oceanic currents, etc. for naval safety or navigation is included in Group 690200 Water Transport; and

(b) 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

Group 770500 - Urban and Industrial Environment

This group covers R&D directed towards enhancing knowledge, awareness and understanding of the urban and industrial environment. Urban refers to areas where most Australians live, i.e. 92% of people live within 14% of the land area of Australia at an average population density of 13 people/km2. This group has eight classes:

770501 - Air quality

770502 - Land and water management

770503 - Living resources (flora and fauna)

770504 - Control of pests and exotic species

770505 - Integrated (ecosystem) assessment and management

770506 - Remnant vegetation and protected conservation areas

770507 - Industrial/degraded areas

770599 - Other

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

Group 770600 - High Country (Incl. Mountains)

This group covers R&D directed towards enhancing knowledge, awareness and understanding of the environment of the high country (incl. mountains). For purposes of this classification, high country (incl. mountains) refers to the area, including the Great Dividing Range and the Great Escarpment, which are above 1000 metres in altitude. This group has eight classes:

770602 - Land and water management

770603 - Living resources (flora and fauna)

770604 - Control of pests and exotic species

770605 - Integrated (ecosystem) assessment and management

770606 - Remnant vegetation and protected conservation areas

770607 - Rehabilitation of degraded high country

770699 - Other

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

Group 770700 - Forest and Wooded Lands

This group covers R&D directed towards enhancing knowledge, awareness and understanding of the environment of forest and wooded lands. Forest land refers to an area of trees which has a foliage projective cover in the tallest stratum of more than 30% or a crown cover of more than 20% of the area and not used primarily for purposes other than forestry. It includes public and private forest, forest in national parks, forest roads and streams, forest nurseries, plantations primarily used for forestry purposes and areas of windbreaks and shelterbelts sufficiently large to be managed as forest. It excludes isolated groups of trees and city parks and gardens. Wooded land refers to an area of trees and/or shrubs which has a foliage projective cover in the tallest stratum of between 10% to 30% or a crown cover of between 10% to 20% of the area. This group has eight classes:

770701 - Air quality

770702 - Land and water management

770703 - Living resources (flora and fauna)

770704 - Control of pests and exotic species

770705 - Integrated (ecosystem) assessment and management

770706 - Remnant vegetation and protected conservation areas

770707 - Rehabilitation/reafforestation

770799 - Other

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

Group 770800 - Farmland (Incl. Arable Land and Permanent Crop Land)

This group covers R&D directed towards enhancing knowledge, awareness and understanding of the environment of farmland (incl. arable land and permanent crop land).

Farmland refers to (a) arable land which is land under crops such as cereals, root crops, industrial crops (e.g. cotton, tobacco, oilseeds), vegetables, flowers and ornamental plants; and (b) permanent cropland which is land under orchards, vineyards, olives, etc. Source: OECD Environment Data Compendium (1991). This group has eight classes:

770801 - Air quality

770802 - Land and water management

770803 - Living resources (flora and fauna)

770804 - Control of pests and exotic species

770805 - Integrated (ecosystem) assessment and management

770806 - Remnant vegetation and protected conservation areas

770807 - Rehabilitation of degraded farmland

770899 - Other

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

Group 770900 - Sparseland (Incl. Permanent Grassland and the Arid Zone)

This group covers R&D directed towards enhancing knowledge, awareness and understanding of the environment of sparseland (incl. permanent grassland and the arid zone). Sparseland refers to areas with a population density of less than 1000 people per 8000 km2. It includes the arid zone (which receives less than 250 mm of rain a year in the south and 350 mm in the north) as well as the permanent grasslands or rangelands where sheep or cattle graze on native vegetation. Source: D. Cocks (1992) Use with Care, U&NSW Press. This group has eight classes:

770901 - Air quality

770902 - Land and water management

770903 - Living resources (flora and fauna)

770904 - Control of pests and exotic species

770905 - Integrated (ecosystem) assessment and management

770906 - Remnant vegetation and protected conservation areas

770907 - Rehabilitation of degraded sparseland

770999 - Other

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

Group 771000 - Mining Environments

This group covers R&D directed towards enhancing knowledge, awareness and understanding of mining environments. Mining environments are areas where mining is occurring. This group has eight classes:

771001 - Air quality

771002 - Land and water management

771003 - Living resources (flora and fauna)

771004 - Control of pests and exotic species

771005 - Integrated (ecosystem) assessment and management

771006 - Remnant vegetation and protected conservation areas

771007 - Rehabilitation of degraded mining lands

771099 - Other

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

Group 771100 - Antarctic and Sub-Antarctic Areas

This group covers R&D directed towards enhancing knowledge, awareness and understanding of the environment of antarctic and sub-antarctic areas. Antarctic (incl. subantarctic) refers to areas south of latitude 500S, namely Antarctica, Heard Island, Macdonald Island and Macquarie Island. This group has six classes:

771101 - Air quality

771102 - Land and water management

771103 - Living resources (flora and fauna)

771104 - Control of pests and exotic species

771105 - Integrated (ecosystem) assessment and management

771199 - Other

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the Defence, Economic Development and Society Divisions.

Group 779900 - Other (Incl. Islands)

This group covers R&D directed towards enhancing knowledge, awareness and understanding of the environment of other areas not elsewhere classified. This group has eight classes:

779901 - Air quality

779902 - Land and water management

779903 - Living resources (flora and fauna)

779904 - Control of pests and exotic species

779905 - Integrated (ecosystem) assessment and management

779906 - Remnant vegetation and protected conservation areas

779907 - Rehabilitation of degraded areas

779999 - Other

Exclusions:

R&D directed towards 'clean production' to minimise emissions to the environment from industrial processes is included in the relevant Subdivisions and Groups of the control of the contr	the
Defence, Economic Development and Society Divisions.	
Previous Page	Next Page
This page last updated 26 March 2008	
Archived content. See ABS Website for latest information and statistics	

Privacy

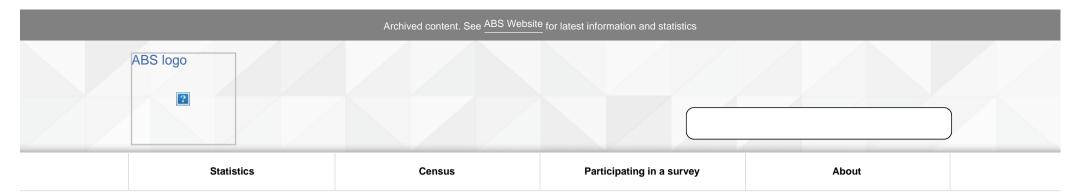
Accessibility

Staff login

Disclaimer

Creative commons

Copyright



Contents

1297.0 - Australian Standard Research Classification (ASRC), 1998

ARCHIVED ISSUE Released at 11:30 AM (CANBERRA TIME) 28/08/1998



Classification Structure - Subdivision 780000 - Non-Oriented Research

Class Group Title 780100 **Non-Oriented Research** 780101 Mathematical sciences 780102 Physical sciences 780103 Chemical sciences 780104 Earth sciences 780105 Biological sciences 780106 Political science and public policy 780107 Studies in human society 780108

Behavioural and cognitive sciences

780199

Other

Definitions

Division 5 - Non-Oriented Research, covers R&D which contributes to the general advancement of knowledge. This division should only be used when no specific purpose under any of the other divisions can be identified.

This division can only include R&D which is `pure basic research'; i.e. R&D efforts which are undertaken to acquire new knowledge without any specific application or looking for long term benefits other than the advancement of knowledge. It has only one group.

Group 780100 - Non-Oriented Research, has nine classes:

780101 - Mathematical sciences

780102 - Physical sciences

780103 - Chemical sciences

780104 - Earth sciences

780105 - Biological sciences

780106 - Political science and public policy

780107 - Studies in human society

780108 - Behavioural and cognitive sciences

780199 - Other

You have reached the end of publication 1297.0

Previous Page

This page last updated 26 March 2008

Archived content. See ABS Website for latest information and statistics

Creative commons Copyright Disclaimer Privacy Accessibility Staff login